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BACT/LAER Clearinghouse
A Compilation of Control Technology Determinations

PEDCo-Environmental, Inc., Cincinnati, OH

Prepared for

Environmental Protection Agency
Research Triangle Park, NC

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16. ABSTRACT

This report consists of summary tables of determinations submitted to the Clearinghouse from State, local, and U.S. Regional Office permitting groups. The report also lists the source type codes, abbreviations for process and emission limits, and a format for submitting BACT/LAER determinations.

The main purpose of this report is to let people know where similar source category determinations have been made. Users should be cautioned that data submitted to the Clearinghouse is on a voluntary basis and, therefore, all sources permitted during the time span (Jan. 1980 - April 1983) covered may not appear in this document.

Persons wanting more detail information about sources appearing in this summary should review 450/2-83-005B and 450/2-83-005C of this series.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Air Pollution Industrial Processes Combustion Sources Control Equipment Coal Oil Bark Nitrogen Oxides Scrubbers Baghouses Electrostatic Precipitators	Air Pollution Control Stationary Sources BACT LAER Sulfur Dioxide Particulate VOC	

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BACT/LAER CLEARINGHOUSE

Control Programs Development Division
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Research Triangle Park, NC 27711

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ACKNOWLEDGMENT

The computerized information listings contained in this report were prepared for the BACT/LAER Clearinghouse by PEDCo Environmental, Inc., Cincinnati, Ohio. Mr. Jack Wunderle served as the Project Director, and Mr. David Dunbar was the Project Manager. The other PEDCo participants in this effort were Mr. Roy Paul and Mr. Joseph Steigerwald. Mr. Gary Rust was the EPA Project Officer.

The project would not have been possible without the excellent cooperation of the many State and local air pollution control agencies and EPA Regional Offices who submitted the necessary technical information.

Special thanks are given to Mr. William Becker, Executive Secretary for STAPPA and ALAPCO, Mr. John Paul from the Regional Air Pollution Control Agency in Dayton, Ohio, representing ALAPCO, and the State, local and EPA Regional Office representatives that attended the September 1982 BACT/LAER workshop meeting in Atlanta, Georgia, for their overall recommendations, guidance, and support for this BACT/LAER Clearinghouse effort.

INTRODUCTION

BACKGROUND

The Clean Air Act as amended in 1977 contains technology-based limitations affecting the location and construction of new or modified air pollution sources: 1) new source performance standards (NSPS); 2) best available control technology (BACT); and 3) lowest achievable emission rate (LAER). Adoption of regulations for the prevention of significant deterioration (PSD), the issuance of the emission offset interpretive ruling, and increased NSPS promulgations have greatly increased the complexity of new source review (NSR) determinations. While the specific criteria governing a BACT, LAER, or NSPS determination vary, the general underlying approach for all such determinations is to require "best control" on all major new or modified sources. Both the complexity and workload of making NSR decisions has risen drastically. Also, more State and local air pollution control agencies are taking on the responsibility for issuing PSD permits. Therefore, it is extremely important that the most current information be provided to control agencies to assist them in making the necessary NSR control technology determinations in a nationally consistent manner. The BACT/LAER Clearinghouse was established to assist State and local agencies and to promote the communication, cooperation, and sharing of control technology information.

The basic purposes of the BACT/LAER Clearinghouse are to: 1) provide State and local agencies with current control technology determinations, 2) summarize recent determinations for sources of similar size and nature, and 3) provide data on the emission limits imposed on new or modified sources. The information presented in this compilation was abstracted from many control technology determinations made nationwide and is intended as a reference for State and local agencies when making BACT/LAER determinations.

This report is a supplement to previous Clearinghouse publications issued during 1979 and 1980 and an update to the report issued in May 1982. It contains

information on BACT and LAER determinations for over 750 sources covering over 2100 processes. Information on almost 100 different source types or categories is listed. The control technology information contained herein was submitted by over 25 State and local air pollution control agencies and the EPA Regional Offices. It generally reflects determinations contained in permits issued from January 1980 through January 1983. However, some additional data from later determinations are presented where available. Data submissions received by the Clearinghouse after April 25, 1983, are currently being processed and will appear in future publications. Figure 1 is a listing of the control technology determinations received since the publication of the May 1982 report. This listing contains the source type code, the name of the company, and the ID number. The listing is provided to aid State and local agency personnel and other users in identifying determinations that have been submitted over the past 11 months.

REPORT FORMAT

This BACT/LAER report was prepared to provide basic control technology information as well as to facilitate "quick scans" of source category information. It consists of three major parts presented in Appendices A, B, and G:

- Table 1 (Appendix A), which is a summary listing of determinations, basic Agency contact information, and an index reference for additional information.
- Table 2 (Appendix B), which is a summary listing by source type or category of basic information including applicable emission limits.
- Appendix G, which is a detailed listing of all individual source information.

Also, a supplemental Table, Table 2-A (Appendix C) is presented to focus on the special category of external combustion sources (e.g., boilers). A brief description of each follows.

Table 1 - Index of Control Technology Determinations

Figure 2 is an example of the Table 1 summary. It is intended to provide a quick summary of the information currently contained in the Clearinghouse. By source category,[1] this table lists the names of the sources for

NEW CONTROL TECHNOLOGY DETERMINATIONS SINCE MAY, 1982.

SOURCE TYPE	COMPANY NAME	ID NUMBER
1.1	AUSTELL BOX BOARD CO.	GA-0012
1.1	A.E. STALEY MFG. CO.	PA-0026
1.1	BASIN ELECTRIC POWER COOP.	ND-0004
1.1	BIG RIVERS ELECT. CORP.	KY-0020
1.1	CINCINATI GAS & ELECTRIC CO. - EAST BEND STATI*	KY-0030
1.1	EAST KENTUCKY POWER COOP.	KY-0018
1.1	GRIFFISS AIR FORCE BASE	NY-0010
1.1	HOLYOKE WATER POWER CO., MT. TOM PWR PLANT	MA-0005
1.1	INDIANA STATEWIDE RURAL ELEC. COOP., MEROM STA	IN-0022
1.1	INDIANA & MICHIGAN ELEC. CO., ROCKPORT STA	IN-0023
1.1	INDIANAPOLIS POWER & LIGHT CO., PATRIOT STA	IN-0025
1.1	IOWA ELECTRIC LIGHT & POWER CO.	IA-0011
1.1	KENTUCKY UTILITIES - HANCOCK POWER PLANT	KY-0027
1.1	LOUISVILLE GAS & ELECT. - TRIMBLE CNTY GEN. ST*	KY-0025
1.1	LOUISVILLE GAS & ELECT. - WISE'S LANDINGS	KY-0024
1.1	L.D.S. CHURCH WELFARE SQUARE	UT-0029
1.1	MINNESOTA POWER & LIGHT CO., CLAY-BOSWELL STA	MN-0006
1.1	MONSANTO CO.	IA-0010
1.1	NEW ENGLAND POWER CO., BRAYTON POINT STA.	MA-0006
1.1	NORTHERN STATE POWER CO., SHERBURNE STA	MN-0007
1.1	SOYLAND POWER COOP.	IL-0018
1.1	TACOMA CITY LIGHT	WA-0006
1.1	TVA - PARADISE - DRAKESBORO	KY-0036
1.1	U.S. DOE, 4 - COAL PILOT PLANT	KY-0023
1.1	WASHINGTON WATER POWER CO.	WA-0008
1.1	WEST TEXAS UTILITIES CO.	TX-0012
1.1	WISCONSIN ELEC. POWER CO., PLEASANT PRAIRIE PL*	WI-0030
1.1	WISCONSIN POWER & LIGHT CO., EDGEWATER STA	WI-0029
1.1	WISCONSIN PUBLIC SERVICE CORP., WESTON STA	WI-0028
1.2	ILLINOIS POWER CO.	IL-0022
1.2	ILLINOIS POWER CO.	IL-0023
1.2	NORTHERN INDIANA PUBLIC SERVICE CO., SCHAHFER *	IN-0024
1.4	CO-GEN	ID-0001
1.4	EVERGREEN FOREST PRODUCTS	ID-0005
1.4	GOLD KIST INC., GOLD KIST SOY PLANT	GA-0010
1.4	HUDSON LUMBER CO.	CA-0040
1.4	MCNEIL GENERATING STATION	VT-0002
1.4	ULTRASYSTEMS INC.	CA-0039
1.5	CITY OF COLUMBUS	OH-0045
1.5	POWER AUTHORITY STATE OF NEW YORK	NY-0005

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
1.6	METROPOLITAN SERVICE DISTRICT	OR-0003
1.6	OCCIDENTAL GEOTHERMAL - OXY #1	CA-0034
1.6	PACIFIC GAS & ELECTRIC CO., GEYSERS UNIT 20	CA-0029
1.6	WESTCHESTER COUNTY RESOURCE RECOVERY	NY-0008
2.1	MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL-0030
2.1	NESWC RESOURCE RECOVERY FACILITY	MA-0004
2.1	STEAM SUPPLY CORP.	OK-0013
2.2	CITY OF L.A., HYPERION, BUREAU OF ENGINEERING	CA-0033
3.1	CHUGACH ELECTRIC ASSOCIATION, UNIT #4	AK-0005
3.1	COLORADO INTERSTATE GAS	KS-0013
3.1	KILN-GAS R & D INC.	IL-0019
3.1	NORTHERN NATURAL GAS	KS-0015
3.1	PANHANDLE EAST. PIPELINE CO.	KS-0016
3.1	PUGET SOUND POWER & LIGHT	WA-0007
3.1	TEXAS EASTERN TRANSMISSION CO.	PA-0027
3.2	EL PASO NATURAL GAS CO., WASHINGTON RANCH FAC.	NM-0006
3.2	GETTY OIL CO.	TX-0101
3.2	LLANO, INC.	NM-0009
3.2	TENNESSEE GAS PIPELINE CO.	PA-0028
3.2	TRANSWESTERN PIPELINE CO., BITTER LAKE COMPRES.	NM-0013
3.2	TRANSWESTERN PIPELINE CO., ISLER NO. 1 STATION	NM-0014
3.2	TRANSWESTERN PIPELINE CO., KEMNITZ STATION	NM-0012
3.2	TRANSWESTERN PIPELINE CO., RED BLUFF STATION #2	NM-0010
3.2	TRANSWSTERN PIPELINE CO., MALJAMAR STATION	NM-0011
3.2	VALERO TRANSMISSION CO.	TX-0104
3.3	MUNICIPAL GENERATING PLANT	KS-0014
3.3	SEA WORLD, INC.	CA-0042
4.1	EVANS COOPERAGE CO., INC.	OK-0015
4.1	MILLER BREWING CO.	GA-0011
4.1	SANYO E&E CORP.	CA-0043
4.2	ALLIED PRINTERS & PUBLISHERS, INC.	OK-0016
4.2	MURRAY RUBBER, (MEAD COMPANY)	TX-0036
4.2	NDM CORP.	OH-0043
4.3	GM WORLD WIDE TRUCK DIV	OH-0009
4.5	PHELPS DODGE, MAGNET WIRE CORP.	KY-0035

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
4.6	SANYO E&E CORP.	CA-0043
4.7	MARK IND.	TX-0103
4.12	R. J. R. ARCHER, INC.	NC-0026
4.12	WORLD COLOR PRESS	IL-0017
4.12	W.F. HALL PRINTING CO.	GA-0013
4.14	MEREDITH CORP.	IA-0009
4.14	ROCKWELL INTERNATIONAL	OK-0012
4.14	SOLVENT RESOURCE RECOVERY	OH-0044
5.1	GULF STATES OIL & REFINING CO.	TX-0087
5.2	ASHLAND OIL, INC.	KY-0026
5.2	TOSCO CORP.	CA-0046
5.3	OIL INTERNATIONAL LTD	MT-0003
5.5	CHEVRON USA, INC.	CA-0045
5.5	GETTY OIL CO.	CA-0030
5.5	HYDROCARBON RECYCLERS, INC.	OK-0014
5.7	ASHLAND PETROLEUM CO.	KY-0019
5.7	BAYTANK INC., HOUSTON	TX-0108
5.9	MCKESSON CHEMICAL CO.	OK-0011
5.11	CRYSEN REFINING, WESTERN DIV.	UT-0027
5.11	DEPT. OF THE NAVY	TX-0099
5.12	AMOCO PRODUCTION CO.	ND-0003
5.12	CRYSTAL EXPLORATION CO., SECTION 18, T9N, R9E	MI-0029
5.12	DELHI GAS PIPELINE CORP.	TX-0096
5.12	ENDERCO	AR-0011
5.12	LIQUID ENERGY CORP.	NM-0008
5.12	MAPCO PRODUCTION CO.	NM-0007
5.12	PHILLIPS PETROLEUM CO.	ND-0002
5.12	PROCESS EQUIPMENT CORP.	MI-0027
5.12	SID RICHARDSON CARBON & GASOLINE CO.	TX-0094
5.12	WARREN PETROLEUM CO.	ND-0001
5.15	B.A. CHILDS	UT-0030

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
5.14	AMINOIL USA, INC.	CA-0035
5.14	CHEVRON USA, INC.	CA-0037
5.14	PARAHO DEVELOPMENT CORP.	UT-0024
5.14	TEXAS TAR SANDS, LTD	TX-0085
5.14	WHITE RIVER SHALE OIL CORP.	UT-0025
5.15	SIGMOR PIPELINE CO.	TX-0088
5.15	UNITED GAS PIPE LINE CO.	TX-0084
5.16	CHEVRON USA, INC.	UT-0028
5.16	SHELL OIL CO.	MI-0031
6.13	BIG SANDY WOOD IND.	TX-0106
6.15	BOFORS NOBEL, INC.	MI-0028
6.27	AMERICAN HOECHST	TX-0083
6.62	CONOCO CHEMICAL CO.	TX-0107
6.32	EXXON CHEMICAL AMERICAS	TX-0098
6.37	DOW CORNING CORP.	KY-0031
6.42	SUN CHEMICAL CORP.	MI-0030
6.52	AMOCO PRODUCTION CO.	TX-0095
6.52	TEXACO, INC. - PUGET SOUND REFINERY	WA-0005
6.53	PACIFIC GAS & ELECT. CO.	CA-0015
6.54	GLOBE MANUFACTURING CO.	NC-0028
6.55	B.F. GOODRICH	IL-0021
6.59	B.F. GOODRICH CHEMICAL	NJ-0005
6.59	B.F. GOODRICH CO.	KY-0021
6.61	NEBRASKA ALCOHOL FUEL CORP.	NE-0005
6.61	PEAT METHANOL ASSOCIATES	PC-0024
6.62	AIRCO CARBIDE, DIV. OF AIRCO, INC.	KY-0022
6.62	AMERICAN HOECHST	TX-0083
6.62	ARCHER DANIELS MIDLAND	IL-0020
6.62	DOW CHEMICAL	TX-0105

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
6.62	ICI AMERICAS, INC.	VA-0016
6.62	MALLINCKRODT, INC	MO-0005
6.62	MALLINCKRODT, INC.	NC-0030
6.62	MERCK & CO., KEKO DIVISION	CA-0036
6.62	PROCTOR CHEMICAL CO.	NC-0029
6.62	U.S. BORAX & CHEMICAL CORP.	CA-0031
6.62	VELSICOL CHEMICAL CO.	TN-0016
7.9	OWENSBORO GRAIN CO.	KY-0032
7.12	BOONE VALLY COOP.	IA-0008
7.12	GENERAL FOODS CORP.	DE-0005
7.12	HTC INDUSTRIES	TX-0093
7.12	PACIFIC ADHESIVES COMPANY OF TEXAS	TX-0097
7.12	PRODUCERS COTTON OIL CO.	CA-0041
7.12	R. J. REYNOLDS	NC-0027
7.12	R. J. REYNOLDS TOBACCO CO.	NC-0025
8.1	ALUMAX PACIFIC CORP.	OR-0002
8.1	ARCO ALUMINUM	KY-0017
8.2	REPUBLIC STEEL CORP.	OH-0040
8.5	FLORIDA STEEL CORP.	FL-0031
8.5	KENTUCKY ELECTRIC STEEL CO.	KY-0028
8.5	STD SLAG CO., REPUB. STEEL CORP., #6 BLAST FUR*	OH-0042
8.8	ALUMINUM CO. OF AMERICA	OH-0046
8.8	BARMET OF KENTUCKY, INC.	KY-0029
8.8	MARTIN MARIETTA OF KENTUCKY	KY-0040
8.11	CYCLONE IRON FOUNDRIES	TX-0090
8.11	VERMONT CASTINGS	VT-0001
8.14	K O STEEL CASTING, INC.	TX-0089
8.14	STRUCTURAL METALS, INC.	TX-0092
8.22	AIRCO CARBON	NY-0009
8.22	ATLAS MINERALS	UT-0031
8.22	DAYTON WALTHER CORP.	KY-0032
8.22	SUPERIOR GRAPHITE	KY-0034
8.22	TRINITY INDUSTRIES INC	TX-0082
8.22	WISCONSIN CENTRIFUGAL	WI-0031
9.1	INDIANHEAD BLACKTOP INC	WI-0025

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
9.1	KEOWN SUPPLY CO.	TX-0091
9.1	PAYNE & DOLAN INC.	WI-0024
9.1	REIN, SCHULTZ, & DAHL	WI-0027
9.1	ROCKROAD OF WISCONSIN	WI-0026
9.1	STEELSTONE	ME-0002
9.2	D. M. STEWARD CO.	TN-0015
9.2	INTERNATIONAL AMERICAN CERAMICS, INC.	OK-0019
9.4	DAL-TEX CEMENT	TX-0100
9.4	IDEAL BASIC CEMENT	UT-0026
9.4	LAS VEGAS PORTLAND CEMENT	NV-0007
9.5	ATLANTIC CEMENT CO., INC.	MD-0015
9.6	ETSI	AR-0008
9.6	ETSI	AR-0009
9.7	CONSOL PENNSYLVANIA COAL CO.	PA-0025
9.7	METTIKI COAL	MD-0016
9.13	ARMCO INC. - PIQUA MINERALS	OH-0041
9.13	CHEMSTONE CORP.	VA-0021
9.13	DAN RIVER, INC.	VA-0020
9.17	MID-CONTINENT MATERIALS, INC.	OK-0018
9.21	LONE STAR POLYMER CONCRETE CO.	VA-0018
9.21	PATRICK COAL CORP.	VA-0017
10.1	ALABAMA RIVER PULP CO., INC	AL-0018
10.1	BOWATER CAROLINA CO.	SC-0013
10.1	CHESAPEAKE CORP.	VA-0001
10.1	INDEPENDENT KRAFT CORP.	AL-0020
10.1	INTERSTATE PAPER CORP.	GA-0015
10.1	POTLATCH	ID-0003
10.1	SIMPSON LEE PAPER CO.	CA-0032
10.1	ST REGIS PAPER CO.	ME-0001
10.1	UNION CAMP CORP.	SC-0014
10.1	UNION CAMP CORP.	AL-0019
10.1	WESTVACO CORP. - FIVE PAPERS DIV.	KY-0033
10.1	WILLIAMETTE INDUSTRIES, INC., CORRUGATED MEDIUM	KY-0039
10.2	AUGUSTA NEWSPRINT CO.	GA-0014
10.2	BEAR ISLAND PAPER CO.	VA-0022

Figure 1. Control technology determinations received since May 1982. (Continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
10.6	EAGLE ENERGY	ID-0004
10.6	GEORGIA-PACIFIC CORP.	NC-0007
10.6	HOOKER FURNITURE CORP.	VA-0019
10.1	INTERNATIONAL PAPER CO.	AR-0007
10.6	INTERNATIONAL PAPER CO.	AR-0010
10.6	J.M. HUBER CORP.	ME-0003
10.6	LOUISIANA-PACIFIC CORP.	ME-0004
11.0	GENERAL ELECTRIC CO.	AL-0017
11.0	HILTI INDUSTRIES, INC	OK-0017
11.0	IBM	NY-0006
11.0	IBM CORP.	CA-0038
11.0	IBM CORP.	KY-0037
11.0	POOL CO.	TX-0102
11.0	PROCTOR & GAMBLE	NY-0007
12.0	CHATTANOOGA-HAMILTON COUNTY HOSPITAL AUTHORITY	TN-0017

Figure 1. Control technology determinations received since May 1982. (Continued)

TABLE 1. INDEX (CONTINUED).

REPORT DATE 04/22/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
HOOKER CHEMICAL & PLASTICS CORP.	MI	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	1.2
HOUSTON LIGHTING & POWER	TX	01/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.2
ILLINOIS POWER CO.	IL	07/26/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6084	1.2
ILLINOIS POWER CO.	IL	08/03/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6084	1.2
NORTHERN INDIANA PUBLIC SERVICE CO., SC*	IN	08/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6084	1.2
SOURCE TYPE -- EXTERNAL COMBUSTION - NATURAL GAS						
CONSUMERS POWER CO.	MI	06/01/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	1.3
SOUTHERN NAT. GAS	MS	08/21/81	MISSISSIPPI DNR	DWIGHT MILEY	(601)-354-2550	1.3
SOURCE TYPE -- EXTERNAL COMBUSTION - WOOD WASTE						
CAROLINA FOREST INDUSTRIES, INC.	SC	06/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	1.4
CO-GEN	ID	03/18/83	IDAHO ADB	CLINT AYER	(208)-334-5360	1.4
CO-GEN., INC.	ID	09/29/81	EPA REGION X	PAUL BOYS	(206)-442-1193	1.4
EVERGREEN FOREST PRODUCTS	ID	12/30/82	IDAHO ADB	CLINT AYER	(208)-334-5360	1.4
GOLD KIST INC., GOLD KIST SOY PLANT	GA	12/07/81	GEORGIA EPD	SUE MCFATHER	(404)-656-4867	1.4
HUDSON LUMBER CO.	CA	10/06/81	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	1.4
MCNEIL GENERATING STATION	VT	05/01/80	VERMONT AEC	HAROLD GARABEDIAN	(802)-828-3395	1.4
PANORAMA ENERCORP, INC	MA	09/22/81	EPA REGION X	PAUL BOYS	(206)-442-1193	1.4
STONE CONTAINER CORP.	OH	12/21/81	SE OHIO	GLEN GREENWOOD	(614)-385-8501	1.4
ULTRASYSTEMS INC.	CA	10/06/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	1.4
WATSON ENERGY SYS. INC.	CA	01/01/80	EPA REGION IX	BOB BAKER	(415)-974-8220	1.4
WESTERN KRAFT	KY	06/02/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.4
SOURCE TYPE -- EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLANT	IA	11/05/79	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.5
CITY OF COLUMBUS	OH	10/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6084	1.5
DEGUSSA CHEM CORP.	AL	04/07/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	1.5
FERRO CHEMICAL DIV OF FERRO CORP.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3900	1.5
FLORIDA POWER & LIGHT	FL	02/20/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	1.5

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

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Figure 2. Example of summary table - index of control technology determinations (Table 1).

which BACT or LAER determinations were made. Included is the State where each source is located, the date the permit was issued, the agency issuing the permit, name of person to contact within the agency for additional information, a telephone number, and an index (source type code) for locating the more detailed source information contained in Table 2 of the report.

Table 2 - Control Technology Determinations by Type of Source

Figure 3 is an example of the Table 2 format. Table 2 provides a summary of emissions limitations by source category[1] and includes the name of the company, the State where the source is located, the State permit number (or EPA Regional Office file number), the source size, whether the source is new (N) or modified (M), a description of the process or processes being permitted, the emission limitations and pollutants applicable to each permitted process, and the basis for the determination--NSPS (N*), SIP (S*), NAAQS (A*), PSD (P*), BACT (B*), LAER (L*). In some cases, more than one emission limitation is

TABLE E. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 COAL COMBUSTION — REPORT DATE 04/22/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
A.E. STALEY MFG. CO.	PA 01PA01	249.0MMBTU/H	N	COAL BOILER	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.90LB/MMBTU	
BASIN ELECTRIC POWER COOP	ND	500.00MW	N	BOILER	NOX	2825.00LB/H	B*
						.45LB/MMBTU	B*
					PM	180.00LB/H	B*
						.03LB/MMBTU	B*
					SO2	2637.00LB/H	B*
						.60LB/MMBTU	B*
					SO2	30.00% OF POTENT. C*	
BIG RIVERS ELECT.-D.B. HM	KY KY 130	600.00MW	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
BOARD OF PUBLIC UTILITIES KS		246.00MW	N	BOILER, COAL FIRED, PULV.	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
BURLINGTON IND.	NC (R)PSD-NC-632	122.0MMBTU/H	N	BOILER, COAL FIRED	PM	.30LB/MMBTU	B*
BURLINGTON IND.	NC (R)PSD-NC-634	122.0MMBTU/H	N	BOILER,COAL FIRED	PM	.30LB/MMBTU	B*
					SO2	1.40LB/MMBTU	B*
CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-186	6587.0MMBTU/H	N	BOILER, LIGNITE FIRED	CO	.09LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	B*
					SO2	1.08LB/MMBTU	
				COAL HANDLING	PM	1.60LB/H	
				COAL PILES	PM	20.70LB/H	
				LIME/LIMESTONE HANDLING AND *	PM	2.10LB/H	
CARGILL, INC.	SC	161.2MMBTU/H	N	BOILERS, #5 & #6	PM	29.00LB/H	B*
					SO2	324.90LB/H	B*

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX. — SOURCE TYPE CODE 1.1

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Figure 3. Example of summary table - control technology determinations by type of source (Table 2).

applicable to a given process/pollutant. In those cases, a second emission limitation is listed below the first emission limitation for a given pollutant without the pollutant name being repeated in the column preceding the emission limitation (see listing for Basin Electric Power Coop. in Figure 3). This second emission limitation is referred to in the main BACT/LAER data base as the alternate limit. Because the space available on Table 2 was limited, a number of abbreviations for processes and emission limitations were developed. A complete list of these abbreviations is contained in Appendix E. Some comments have been received regarding the use of these abbreviations. Every effort has been made to use a standard set of abbreviations. In some cases, however, this was not possible. The control agencies are encouraged to review the abbreviations in Appendix E and submit any suggested revisions. The abbreviations are periodically reviewed and updated accordingly.

Because a particular source may have one or more processes being permitted at a given time, the control agencies are encouraged to review more

than one source category for possible assistance in making a BACT or LAER determination. Also, in many cases limited source information made it difficult to properly categorize a source. A quick scan of the "process description" in Table 2 is recommended to minimize such problems and avoid missing a relevant BACT/LAER determination.

Because external combustion sources are of special interest and may possibly be located within a variety of broad source types, a special table (Table 2A) has been prepared (Appendix C). This table summarizes the emission limits and other information for those sources with a source type code of 1.1 to 1.6 and all other source type codes where an external combustion process (boiler) has been permitted.

Appendix - Detailed Source Listings

In addition to Tables 1, 2, and 2A, a complete listing of all source data is provided in a separate appendix (Appendix G). Information presented consists of the ID number (an identification number assigned by the Clearinghouse), source type code, source type name, source size and corresponding units on the source size, company name, street address, city, county, State, zip code, EPA Regional Office, whether determination is BACT (B) or LAER (L), whether source is new (N) or modified (M), date permit was issued, permit or identification number, estimated startup date, agency issuing permit, contact person within agency who is familiar with the control technology information, agency telephone number, process type code (where applicable), process name, throughput capacity and corresponding units, pollutant name, emission limit (for the given pollutant), alternate limit, basis for limit (BACT, LAER, SIP, etc.), control equipment, process modification (modification that would minimize emissions), percent efficiency for the control devices and notes. This listing is intended to provide the maximum manageable amount of technical and administrative information without essentially duplicating a completed permit application.

An example of Appendix G or complete listing for one source is shown in Figure 4.

IMPROVEMENTS TO THE SYSTEM

A meeting was held on September 27 and 28, 1982, in Atlanta, Georgia, to discuss the overall operation of the BACT/LAER Clearinghouse. Representation

APPENDIX -- DETAILED SOURCE LISTING 04/22/1983

SOURCE TYPE/SIZE--- EXTERNAL COMBUSTION - COAL 1700.00 MW

COMPANY NAME/SITE LOCATION AL ELEC COOP INC ANDALUSIA, AL 36420
P. O. BOX 550 CHOCTAW COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE. DATE OF PERMIT ISSUANCE-- 02/24/81
PERMIT NO. AL 071 ESTIMATED DATE OF START-UP--- 1986
DETERMINATION MADE BY ALABAMA APCD SUE ROBERTSON (205)-834-6570
(AGENCY) (AGENCY CONTACT PERSON) (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIGNITE BOILER	4805.00 MMBTU/H EA				
		PM	144.3000 LB/H		NSPS
			144.0000 T/YR		
				ESP	99.00
		SO2	3003.0000 LB/H		NSPS
			16458.0000 T/YR		
				FGD	90.00
		NOX	2003.0000 LB/H		NSPS
			12628.0000 T/YR		
				BOILER DESIGN & OPERATION	
		CO	470.0000 LB/H		BACT
			2060.0000 T/YR		
				BOILER DESIGN & OPERATION	

NOTES ----------
ESTIMATED STARTUP DATES -- UNIT 1, 3/86 - UNIT 2, 3/91 - UNIT 3, 7/96 - UNIT 4, 9/01.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

PAGE B- 2 ID NUMBER AL-0001 SOURCE TYPE CODE 1.1

Figure 4. Example of appendix or complete source listing.

consisted of control agencies including members of the State and Territorial Air Pollution Program Administrators (STAPPA) and the Association of Local Air Pollution Control officials (ALAPCO), EPA Headquarters and Regional Offices, and the Technical Secretary of the California Air Pollution Control Officers Association (CAPCOA). The purpose of this meeting was to review and discuss the ongoing activities of the Clearinghouse and to provide direction for the Clearinghouse in the future. The general consensus of the meeting and followup comments by other State and local agencies was to continue the Clearinghouse in its present form with the following improvements or revisions:

- Use the revised formatted output (Figure 4) in lieu of the simple listing of the data file (Figure 5) for Appendix G.
- The source category (name and number) should be placed at the top of each page in Tables 2 and 2A to facilitate the location of determinations within a given source category when the data for a given source category are presented on more than one page.
- The revised formatted output (Figure 4) should have the source type or category code in the lower right hand corner and the ID number at the bottom in the center of the page to facilitate locating information in the appendix.

In addition, a set of simplified instructions were developed to allow control agencies that currently have access to the EPA Univac Computer in the Research Triangle Park to obtain additional copies of Tables 1 (Appendix A), 2 (Appendix B), 2A (Appendix C), and Appendix G. These instructions are available from:

Mr. Gary Rust
U.S. Environmental Protection Agency
MD-15
Research Triangle Park, North Carolina 27711
(919) 541-5516

Other improvements and revisions to the system are being and will continue to be considered as a result of contacts with various State and local agencies. These improvements and revisions will be evaluated and made based on the recommendations of the State and local agencies that are submitting determinations to the Clearinghouse.

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[1] A complete listing of all source category codes is contained in Appendix D. The user should familiarize himself with this listing in order to use Tables 1 and 2 effectively.

ID NUMBER*
SOURCE TYPE CODE*
SOURCE TYPE NAME*
SOURCE SIZE*
SOURCE SIZE UNITS*
COMPANY NAME*
ADDRESS*
CITY*
COUNTY*
STATE INITIALS*
ZIP CODE*
EPA REGION*
BACT/LAER DETERM*
NEW/MODIFIED*
DATE PERMIT ISSUED*
PERMIT NUMBER*
REGION FILE NUMBER*
ESTIMATED STARTUP DATE*
AGENCY CONTACT PERSON*
AGENCY PHONE NUMBER*
NOTES*

  PROCESS TYPE CODE*
  NAME OF PROCESS*
  THROUGHPUT CAPACITY*
  THROUGHPUT UNITS*

    POLLUTANT NAME*
    EMISSION LIMIT*
    EMISSION UNITS*
    ALTERNATE LIMIT*
    ALTERNATE UNITS*
    BASIS FOR LIMITS*
    CONTROL EQUIPMENT*
    PROCESS MODIFICATION*
    PERCENT EFFICIENCY*

    POLLUTANT NAME*
    EMISSION LIMIT*
    EMISSION UNITS*
    ALTERNATE LIMIT*
    ALTERNATE UNITS*
    BASIS FOR LIMITS*
    CONTROL EQUIPMENT*
    PROCESS MODIFICATION*
    PERCENT EFFICIENCY*

Figure 5. Computerized listing of BACT/LAER determination data elements.

PROCEDURE FOR FUTURE SUBMISSIONS TO THE CLEARINGHOUSE

The BACT/LAER Clearinghouse is intended as a dynamic program with periodic updates and new listings welcomed. Submissions by State and local control agencies are entirely voluntary. Without these submittals, however, the viability and usefulness of the program are jeopardized. Agencies are encouraged to make formal submittals at any time.

Information can be submitted in either of two formats. First, it can be submitted on the voluntary form shown in Figure 6. The same basic information can also be directly input into a special State or local agency file that can be set up to receive data via a computer hookup. Agencies are encouraged to use either format for submittals to the Clearinghouse.

In order to facilitate the submission of determinations and corrections, a copy of the form shown in Figure 6 is provided in Appendix F of this report. This form can be reproduced and used to submit new determinations and/or to update existing information. All questions regarding the Clearinghouse should be directed to:

Mr. Gary Rust
U.S. Environmental Protection Agency
MD-15
Research Triangle Park, North Carolina 27711
(919) 541-5516 (commercial)
629-5516 (FTS)

Mail To: Gary Rust
BACT/LAER Clearinghouse
U.S. EPA (MD-15)
RTP, NC 27711

Source Category

Date of This Report

BACT/LAER DETERMINATION REPORT

Source Type/Size: _____

Company Name/Site Location: _____

Determination is: (circle appropriate definition) BACT/LAER For New/Modified Source: Date of Permit Issuance: _____

Permit No.: _____ Date of Estimated Start-up: _____

Determination Made By: _____ (Agency) _____ (Person Directly Knowledgable About Permit) _____ (Phone)

Permit Parameters: (List all processes subject to this permit)	Throughput capacity, weight rate, Btu input, etc.	Pollutant(s) emitted (SO_2 particulate, etc.)	BACT/LAER emission limit(s) and basis for the limits* (units of emissions/ units of input	Control equipment or process modification description**	Eff.%

Notes***: _____

*Indicate basis of emissions limit, i.e., BACT determined simply by technology and economics, NSPS, LAER, or determined by NAAQS or PSD increment constraints. (Example: 0.05 pounds particulate per million Btu input limit needed to protect Class I increment.) To promote consistency, please use NSPS emission limits where possible.

**To the extent possible in the space available, describe basic control or process equipment design details. Indicate unique or innovative features.

***Notes are optional and can address special items, unusual circumstances, or other clarifying information such as SIC codes.

11/82

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Figure 6. BACT/LAER determination form.

APPENDIX A

TABLE 1 INDEX OF CONTROL TECHNOLOGY DETERMINATIONS

TABLE 1. INDEX OF CONTROL TECHNOLOGY DETERMINATIONS.

REPORT DATE 04/29/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- EXTERNAL COMBUSTION - COAL						
AL ELEC COOP INC	AL	02/24/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	1.1
ARIZONA PUBLIC SERVICE CO., CHOLLA UNIT*	AZ	02/15/78	EPA REGION IX	JIM HANSON	(415)-974-8038	1.1
ARKANSAS PWR & LT CO.	AR	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
ASSOC. ELECT. COOP., INC.	MO	02/06/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
AUSTELL BOX BOARD CO.	GA	06/29/81	GEORGIA EPD	W. FARRISEE	(404)-656-4867	1.1
A.E. STALEY MFG. CO.	PA	05/27/82	EPA REGION III	DAVID ARNOLD	(215)-597-7936	1.1
BASIN ELECTRIC POWER COOP.	ND	01/12/83	NORTH DAKOTA SHD	ROBERT KING	(701)-224-2348	1.1
BIG RIVERS ELECT. CORP.	KY	03/11/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
BIG RIVERS ELECT.-D.B. WILSON STATION	KY	03/11/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
BOARD OF PUBLIC UTILITIES	KS	09/29/76	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	1.1
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	1.1
CAJUN ELECT. POWER COOP.	LA	03/25/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
CARGILL, INC.	SC	02/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	1.1
CELANESE, AMCELLE PLANT	MD	04/03/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	1.1
CENTRAL ILLINOIS LIGHT	IL	08/15/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	1.1
CENTRAL POWER & LIGHT	TX	10/19/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
CINCINATI GAS & ELECTRIC CO. - EAST BEN*	KY	05/14/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
CITY OF WILKES-BARRE	PA	07/01/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	1.1
COLORADO UTE-CRAIG UNIT #3	CO	03/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
CURTISS-WRIGHT CORP.	NJ	06/13/80	EPA REGION II	STEVE RIVA	(212)-264-8684	1.1
DELMARVA POWER & LIGHT	MD	09/30/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	1.1
DESERET GEN & TRANS, MOON LAKE	UT	02/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
EAST KENTUCKY POWER COOP.	KY	12/02/76	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
EASTMAN KODAK CO., KODAK PARK DIV.	NY	12/20/82	NEW YORK DEC	FRANK SHATTUCK	(716)-226-2466	1.1
E. KENTUCKY POWER CORP.	KY	08/21/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
E.I. DUPONT	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	1.1
E.I. DUPONT	SC	09/09/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	1.1
FLORIDA POWER CORP.	FL	01/15/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	1.1
GRAND HAVEN BOARD OF LT & PWR	MI	03/18/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	1.1
GRAND RIVER DAM AUTHORITY	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
GREENWOOD MILLS, INC.	SC	09/03/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	1.1

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 04/29/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
GRIFFISS AIR FORCE BASE	NY	01/28/83	NEW YORK DEC	DAVID PROSSER	(315)-782-0100	1.1
HOLYOKE WATER POWER CO., MT. TOM PWR PL*	MA	10/27/82	MASSACHUSETTS DEQE*	DAVID HOWLAND	(617)-727-8640	1.1
HOUSTON LIGHTING & POWER	TX	10/28/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	1.1
HOUSTON LIGHTING & POWER	TX	11/12/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
IA SOUTHERN UTILITIES (CENTERVILLE, IA.)	IA	12/01/76	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
IDAHO NAT ENGINEERING LAB.	ID	06/05/81	EPA REGION X	DAVID TETTA	(206)-442-1193	1.1
INDIANA STATEWIDE RURAL ELEC. COOP., ME*	IN	06/28/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
INDIANA & MICHIGAN ELEC. CO., ROCKPORT *	IN	10/27/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
INDIANAPOLIS POWER & LIGHT CO., PATRIOT*	IN	12/14/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
INTERMOUNTAIN PWR PROJECT-IPP	UT	06/08/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
IOWA ELECTRIC LIGHT & POWER CO.	IA	10/29/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	1.1
IOWA-ILLINOIS GAS & ELECT.	IA	06/16/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
JACKSONVILLE ELECT. AUTHORITY	FL	01/01/82	FLORIDA DER	ED PALAGYI	(904)-488-1344	1.1
KANSAS CITY POWER & LIGHT	MO	01/07/77	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
KANSAS POWER & LIGHT CO.	KS	03/30/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
KENTUCKY POWER - CARR'S FAC.	KY	04/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
KENTUCKY UTILITIES - HANCOCK POWER PLANT	KY	04/15/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
LITHIUM CORP.	NC	02/12/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	1.1
LOUISVILLE GAS & ELECT. - TRIMBLE CNTY *	KY	12/27/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
LOUISVILLE GAS & ELECT. - WISE'S LANDIN*	KY	03/01/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
L.D.S. CHURCH WELFARE SQUARE	UT	07/01/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	1.1
MARQUETTE BOARD OF LT & PWR	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	1.1
MIAMI PAPER CORP.	OH	06/25/82	RAPCA - DAYTON,OH	AMY WRIGHT	(513)-225-4435	1.1
MICHIGAN SOUTH CENTRAL POWER AGENCY	MI	05/16/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	1.1
MINNESOTA POWER & LIGHT CO., CLAY-BOSWE*	MN	06/16/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
MONSANTO CO.	IA	11/12/82	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
MORGANTOWN ENERGY RESEARCH CENTER	WV	09/20/79	EPA REGION III	EILEEN GLEN	(215)-597-8187	1.1
MUSCATINE POWER & WATER	IA	01/24/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
NE PUBLIC POWER DIST./GENTLEMAN #2	NE	02/09/77	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
NEBRASKA PUBLIC POWER DIST.	NE	12/16/80	NEBRASKA DEC	GENE ROBINSON	(402)-471-2186	1.1
NEVADA POWER CO.	NV	04/13/81	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	1.1
NEW ENGLAND POWER CO., BRAYTON POINT ST*	MA	11/01/80	MASSACHUSETTS DEQE*	VAUGHAN STEEVES	(617)-727-1440	1.1
NORFOLK & WESTERN RAILWAY CO.	VA	07/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	1.1
NORTHERN INDIANA PUBLIC SERVICE CO.	IN	03/31/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
NORTHERN STATE POWER CO., SHERBURNE STA	MN	04/25/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
NY STATE ELECT. & GAS - CYUGA STATION	NY	06/29/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	1.1

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 04/29/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
OKLAHOMA GAS & ELECT. CO.	OK	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
OKLAHOMA GAS & ELECT. CO.	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
PENNSYLVANIA ELECT. CO.	PA	08/18/81	EPA REGION III	DAVID ARNOLD	(215)-597-7936	1.1
PLAINS ELECT. GEN & TRANS	NM	05/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
PLATTE RIVER PWR-RAWHIDE	CO	05/22/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
SAGINAW STEERING GEAR	AL	10/15/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	1.1
SALT RIVER PROJECT CORONADO STATION UNI*	AZ	04/10/78	EPA REGION IX	JIM HANSON	(415)-974-8038	1.1
SANDOW STEAM ELECT. STATION	TX	09/20/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	1.1
SIERRA PACIFIC POWER CO.	NV	04/04/78	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	1.1
SIKESTON BOARD OF MUNICIPAL UTILITIES	MO	07/14/77	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
SOUTHWESTERN PUBLIC SERVICE	TX	03/30/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	1.1
SOYLAND POWER COOP.	IL	09/23/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	1.1
SUNFLOWER ELECT. COOP., INC. - HAYS, KS.	KS	05/19/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
SW ELECT. POWER	LA	09/01/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
SW ELECT. POWER	TX		EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
SW ELECT. POWER	TX	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
S.C. PUBLIC SERVICE AUTHORITY	SC	12/03/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	1.1
TACOMA CITY LIGHT	WA	05/11/82	EPA REGION X	DAVID TETTA	(206)-442-1597	1.1
TAMPA ELECT. CO.	FL	10/15/81	FLORIDA DER	EO PALAGYI	(904)-488-1344	1.1
TUCSON ELECT. POWER CO. UNIT #3	AZ	04/11/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	1.1
TUCSON ELECT. POWER CO. UNITS #1 & 2	AZ	12/21/77	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	1.1
TVA - AFBC PILOT PLANT - SHAWNEE STEAM *	KY	04/14/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
TVA - PARADISE - DRAKESBORO	KY	06/25/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
UTAH PWR & LT CO-HUNTER STATION	UT	06/02/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
U.S. DOE, 4 - COAL PILOT PLANT	KY	12/17/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
WASHINGTON WATER POWER CO.	WA	11/17/82	EPA REGION X	PAUL BOYS	(206)-442-1567	1.1
WEST TEXAS UTILITIES CO.	TX	05/20/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	1.1
WISCONSIN ELEC. POWER CO., PLEASANT PRA*	WI	08/09/76	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
WISCONSIN POWER & LIGHT CO., EDGEWATER *	WI	04/26/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
WISCONSIN PUBLIC SERVICE CORP., WESTON *	WI	05/11/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
SOURCE TYPE -- EXTERNAL COMBUSTION - OIL						
ANHEUSER-BUSCH, INC.	VA	06/16/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	1.2

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
A.I. DUPONT INSTITUTE	DE	09/18/80	EPA REGION III	JOANNE MCKERNAN	(215)-597-8182	1.2
CRANSTON PRINT WORKS	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	1.2
FIRESTONE TIRE CO.	GA	11/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	1.2
HOOKER CHEMICAL & PLASTICS CORP.	MD	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	1.2
HOUSTON LIGHTING & POWER	TX	01/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.2
ILLINOIS POWER CO.	IL	07/26/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.2
ILLINOIS POWER CO.	IL	08/03/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.2
NORTHERN INDIANA PUBLIC SERVICE CO., SC*	IN	08/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.2
SOURCE TYPE -- EXTERNAL COMBUSTION - NATURAL GAS						
CONSUMERS POWER CO.	MI	06/01/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	1.3
SOUTHERN NAT. GAS	MS	08/21/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	1.3
SOURCE TYPE -- EXTERNAL COMBUSTION - WOOD WASTE						
CAROLINA FOREST INDUSTRIES, INC.	SC	06/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	1.4
CO-GEN	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	1.4
CO-GEN., INC.	ID	03/15/83	EPA REGION X	PAUL BOYS	(206)-442-1193	1.4
EVERGREEN FOREST PRODUCTS	ID	12/30/82	IDAHO AQB	CLINT AYER	(208)-334-5360	1.4
GOLD KIST INC., GOLD KIST SOY PLANT	GA	12/09/81	GEORGIA EPD	SUE MCFATHER	(404)-656-4867	1.4
HUDSON LUMBER CO.	CA	10/05/81	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	1.4
MCNEIL GENERATING STATION	VT	05/01/80	VERMONT AEC	HAROLD GARABEDIAN	(802)-828-3395	1.4
PANORAMA ENERCORP, INC	WA	09/22/81	EPA REGION X	PAUL BOYS	(206)-442-1193	1.4
ULTRASYSTEMS INC.	CA	10/06/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	1.4
WATSON ENERGY SYS, INC.	CA	01/03/80	EPA REGION IX	BOB BAKER	(415)-974-8220	1.4
WESTERN KRAFT	KY	06/02/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.4
SOURCE TYPE -- EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLANT	IA	11/05/79	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.5
CITY OF COLUMBUS	OH	10/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.5
DEGUSSA CHEM CORP.	AL	04/07/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	1.5

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FERRO CHEMICAL DIV OF FERRO CORP.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	1.5
FLORIDA POWER & LIGHT	FL	02/20/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	1.5
GILMAN PAPER CO.	GA	06/29/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	1.5
GULF STATES UTILITY	LA	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.5
HARNEY ELECT.	OR	08/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	1.5
HOOKER ENERGY CORP.	NY	07/23/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	1.5
PHILIP MORRIS	VA	05/20/81	VIRGINIA SAPCB	PAUL PITTS	(804)-786-4867	1.5
POWER AUTHORITY STATE OF NEW YORK	NY	02/22/82	EPA REGION II	DENNIS SANTELLA	(212)-264-9628	1.5
STONE CONTAINER CORP.	OH	12/23/81	SE OHIO	GLEN GREENWOOD	(614)-385-8501	1.5
THE CHESAPEAKE CORP.	VA	10/07/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	1.5
UNION CAMP CORP.	GA	07/01/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6800	1.5
SOURCE TYPE -- EXTERNAL COMBUSTION - OTHER						
ATLANTIC SUGAR ASSOC.	FL	10/06/81	FLORIDA DER	BOB KING	(904)-488-1344	1.6
CENTRAL SOYA	OH	08/09/79	OHIO EPA - NWD	SAMIR ARAJ	(419)-352-8461	1.6
HOUSTON LIGHTING & POWER	TX	09/10/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.6
METROPOLITAN SERVICE DISTRICT	OR		OREGON DEQ	LLOYD KOSTOW	(503)-229-5186	1.6
OCCIDENTAL GEOTHERMAL - OXY #1	CA	05/10/82	EPA REGION IX	MATT HABER	(415)-974-8209	1.6
OSCEOLA FARMS CO.	FL	11/12/81	FLORIDA DER	BOB KING	(904)-488-1344	1.6
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	07/27/82	EPA REGION IX	MATT HABER	(415)-974-8209	1.6
SUGAR CANE GROWERS COOP.	FL	10/28/81	FLORIDA DER	BOB KING	(904)-488-1344	1.6
TEXAS UTILITIES GEN CO.	TX	09/22/77	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.6
TEXAS UTILITIES SERVICE, INC.	TX	02/09/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.6
TEXAS UTILITIES SERVICE, INC.	TX	01/17/78	EPA REGION VI	JOE WINKLER	(214)-767-1594	1.6
WESTCHESTER COUNTY RESOURCE RECOVERY	NY	02/22/82	EPA REGION II	BARRY TORNICK	(212)-264-9579	1.6
SOURCE TYPE -- REFUSE INCINERATION						
ENERGY ANSWERS CORP.	MA	03/15/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	2.1
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	04/25/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	2.1
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	07/02/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	2.1
MUNICIPAL INCINERATOR PULASKI HWY	MD	01/25/80	EPA REGION III	ED VOLLBERG	(215)-597-8990	2.1
NESWC RESOURCE RECOVERY FACILITY	MA	05/27/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	2.1

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N.E. MARYLAND WASTE DISPOSAL AUTHORITY	MD	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	2.1
REDDY CREEK IMPROVEMENT DIST	FL	02/11/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	2.1
REFUSE FUELS, INC.	MA	03/23/81	EPA REGION I	JOHN COURCIER	(617)-223-4448	2.1
RESOURCES AUTHORITY	TN	08/01/80	TENNESSEE APC	MERVAT AHMED	(615)-741-3651	2.1
STEAM SUPPLY CORP.	OK	12/16/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	2.1
SOURCE TYPE -- SEWAGE SLUDGE INCINERATION						
CITY OF L.A., HYPERION, BUREAU OF ENGIN*	CA	09/30/82	EPA REGION IX	RICK SUGAREK	(415)-974-8224	2.2
SOURCE TYPE -- OTHER SOLID WASTE DISPOSAL						
DELAWARE SOLID WASTE AUTHORITY	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	2.3
DELAWARE SOLID WASTE II	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	2.3
SOURCE TYPE -- NATURAL GAS TURBINES						
CHUGACH ELECTRIC ASSOCIATION, UNIT #4	AK	08/06/82	EPA REGION X	PAUL BOYS	(206)-442-1567	3.1
COLORADO INTERSTATE GAS	KS	10/19/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
CROWN ZELLERBACH, INC.	CA	03/01/82	BAY AREA AQMD	DOUG WOLF	(415)-771-6000	3.1
KILN-GAS R & D INC.	IL		ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	3.1
KISSIMMEE UTILITIES	FL	02/19/82	FLORIDA DER	TERESA HERON	(904)-488-1344	3.1
NEVADA PWR CO., CLARK STATION UNIT #7	NV	10/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	3.1
NEVADA PWR CO., CLARK STATION UNIT #8	NV	09/11/80	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	3.1
NORTHERN NATURAL GAS	KS	03/12/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
PANHANDLE EAST. PIPELINE CO.	KS	11/18/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
PRUDHOE BAY CONSORTIUM	AK	09/29/81	EPA REGION X	DAVID TETTA	(206)-442-1193	3.1
PUGET SOUND POWER & LIGHT	WA	08/23/82	EPA REGION X	PAUL BOYS	(206)-442-1567	3.1
SW GAS STORAGE CO., PANHANDLE EAST. PIP*	KS	12/11/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
TEXAS EASTERN TRANSMISSION CO.	PA	07/07/82	EPA REGION III	VERNON BUTLER	(215)-597-2711	3.1
VULCAN MATERIALS CO.	KS	07/23/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1

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SOURCE TYPE -- NATURAL GAS COMPRESSORS						
ALGONQUIN GAS TRANSMISSION CO.	CT	03/05/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	3.2
CO INTERSTATE GAS, CHEYENNE	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, DEERTRAIL	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, FLANK	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, KIT CARSON	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, TOTEM/LONG	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, WATKINS	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CONSOLIDATED GAS SUPPLY CORP.	WV	09/14/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	3.2
EL PASO NATURAL GAS CO., WASHINGTON RAN*	NM	05/14/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
GETTY OIL CO.	TX	10/12/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	3.2
LLANO, INC.	NM	06/22/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
MICHIGAN WISCONSIN PIPE LINE CO.	MI	11/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	3.2
MTN FUEL RESOURCES-KASTLER	UT	11/25/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
PANHANDLE EAST. PIPELINE CO.	KS	07/28/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.2
PANHANDLE EAST. PIPELINE-FRED.	CO	11/25/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
PANHANDLE EAST., FT. LUPTON	CO	05/29/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
SOUTHERN NAT. GAS	AL	01/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	3.2
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	3.2
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	3.2
TENNESSEE GAS PIPELINE CO.	PA	03/01/83	PENNSYLVANIA BAQ, *	WILLIAM CHARLTON	(814)-724-8530	3.2
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	09/23/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., ISLER NO. 1 *	NM	05/06/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., KEMNITZ STAT*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., MALJAMAR STAT*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
VALERO TRANSMISSION CO.	TX	09/09/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	3.2
SOURCE TYPE -- OTHER INTERNAL COMBUSTION						

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CAJUN ELECT. POWER COOP.	LA	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	3.3
CITY OF AUGUSTA	KS	05/29/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.3
CITY OF KINGMAN	KS	03/01/83	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	3.3
CITY OF OTTAWA	KS	12/02/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.3
EMPIRE DIST. ELECT. CO.	MO	01/07/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	3.3
FLORIDA POWER	FL	01/21/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	3.3
GULF STATES UTILITY	LA	01/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	3.3
GULF STATES UTILITY	LA	12/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	3.3
HOFFMANN-LAROCHE, INC.	NJ	08/17/81	EPA REGION II	LARRY KARAS	(212)-264-9538	3.3
MUNICIPAL GENERATING PLANT	KS		EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.3
NEVADA PWR CO./REID GARDNER STATION	NV	01/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038	3.3
PRUDHOE BAY CONSORTIUM	AK	12/17/80	EPA REGION X	PAUL BOYS	(206)-442-1193	3.3
SEA WORLD, INC.	CA	06/11/82	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925	3.3
SEA WORLD, INC.	CA	03/15/83	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925	3.3
SEBRING UTILITIES COMMISSION	FL	04/03/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	3.3
SHELL OIL CO.	TX	03/27/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	3.3
TRENTON DISTRICT ENERGY CO.	NJ	10/29/81	EPA REGION II	LARRY KARAS	(212)-264-9538	3.3
SOURCE TYPE -- SURFACE COATING - CANS/COILS						
BALL METAL CONTAINER GROUP	OH	04/10/81	OHIO EPA - NWD	DON WALTERMEYER	(419)-352-8461	4.1
EVANS COOPERAGE CO., INC.	OK	05/04/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	4.1
MILLER BREWING CO.	GA	07/02/79	GEORGIA EPD	HAI CHANG	(404)-656-6900	4.1
NATIONAL CAN CORP.	IL	11/09/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	4.1
PREFINISH METALS	OH	05/04/79	OHIO EPA - NWD	CHUCK HULL	(419)-352-8461	4.1
STROH CONTAINER	OH	08/30/79	OHIO EPA - NWD	DON WALTERMEYER	(419)-352-8461	4.1
SOURCE TYPE -- SURFACE COATING - PAPERS/FABRICS						
ALLIED PRINTERS & PUBLISHERS, INC.	OK	03/13/81	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	4.2
AVERY INTERNAT	OH	06/11/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	4.2
DIETZGEN CORP.	IL	12/11/80	EPA REGION V	CHRIS ROMAINE	(217)-782-2113	4.2
FRYE COPY SYS, INC	IN	11/07/00	INDIANA APCD	FRANK PROFIT	(317)-633-0664	4.2

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INTERNAT. LABEL MFG. FAC.	TN	03/26/80	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	4.2
ITEN FIBRE CO.	OH	12/23/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	4.2
MURRAY RUBBER, (MEAD COMPANY)	TX	07/01/82	TEXAS ACB	ART KELLOGG	(512)-451-5711	4.2
NDM CORP.	OH	07/23/82	RAPCA - DAYTON,OH	THURMAN SMITH	(513)-225-4435	4.2
SOURCE TYPE -- SURFACE COATING - AUTO./LIGHT DUTY TRUCKS						
CHRYSLER CORP.	MI	06/05/80	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	4.3
FORD MOTOR CO.	MI	01/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	4.3
GM WORLD WIDE TRUCK DIV	OH	05/13/80	RAPCA - DAYTON,OH	AMY WRIGHT	(513)-225-4435	4.3
VOLKSWAGEN OF AM	MI	06/01/80	MICHIGAN DNR	JON TROUT	(517)-322-1333	4.3
SOURCE TYPE -- SURFACE COATING - METAL FURNITURE						
STEELCASE, INC.	MI	06/01/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	4.4
SOURCE TYPE -- SURFACE COATING - MAGNET WIRE						
PHELPS DODGE, MAGNET WIRE CORP.	KY	03/25/75	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	4.5
SOURCE TYPE -- SURFACE COATING - LARGE APPLIANCES						
SANYO E&E CORP.	CA	08/21/81	SAN DIEGO APCD	LORENZO ALEJANDRIA	(619)-565-3914	4.6
SOURCE TYPE -- SURFACE COATING - MISC. METAL PARTS/PRODUCTS						
MARK IND.	TX	10/20/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	4.7
SOURCE TYPE -- SOLVENT DEGREASING						

" INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
BRIGGS & STRATTON CORP.	WI	03/04/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.9
SOURCE TYPE -- GRAPHIC ARTS						
BEMIS CARPHANE FILMS	WI	08/25/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.12
BEMIS CO.	WI	11/13/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.12
BEMIS SPECIALTY FILMS	WI	12/21/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.12
BROWN PRINTING	KY	07/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	4.12
COLUMBUS COATED FABRICS	OH	04/29/81	OHIO EPA - CD	VICTOR FISHER	(614)-864-3195	4.12
CONTAINER CORP. OF AM	IN	10/31/80	INDIANA APCD	FRANK PROFIT	(317)-633-0664	4.12
CPS INDUSTRIES	TN		TENNESSEE APCD	ANN NIELSON	(615)-741-3651	4.12
DIVERSIFIED PRINTING	TN	03/10/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	4.12
R. J. R. ARCHER,INC.	NC		FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	4.12
R.R. DONNELLEY & SONS CO.	IL	03/18/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	4.12
WORLD COLOR PRESS	IL	01/13/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	4.12
W.F. HALL PRINTING CO.	GA	10/04/82	GEORGIA EPD	BILL FARRISEE	(404)-656-4867	4.12
SOURCE TYPE -- OTHER ORGANIC EVAPORATION LOSS						
BROYHILL FURNITURE	NC		NORTH CAROLINA DEH	MIKE SEWELL	(919)-733-6126	4.14
MEREDITH CORP.	IA	04/15/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	4.14
ROCKWELL INTERNATIONAL	OK	07/08/80	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	4.14
SOLVENT RESOURCE RECOVERY	OH	07/07/82	RAPCA - DAYTON,OH	AMY WRIGHT	(513)-225-4435	4.14
SOURCE TYPE -- PETR. REFINING/OIL & GAS PROD./RELATED INDUSTRY						
EXXON CO	MS	03/04/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	5.0
SOURCE TYPE -- PETROLEUM REFINING - SEPARATION						
ARCO PETROLEUM PROD. CO.	CA	04/06/79	EPA REGION IX	RICK SUGAREK	(415)-974-8058	5.1
GULF STATES OIL & REFINING CO.	TX	12/04/80	TEXAS ACB	STUART KEIL	(512)-451-5711	5.1

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
THE DOW CHEMICAL CO.	TX	12/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.1
SOURCE TYPE -- PETROLEUM REFINING - CONVERSION						
ASHLAND OIL, INC.	KY	09/21/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	5.2
CHAMPLIN PETROLEUM CO.	CA	03/24/80	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	5.2
CHAMPLIN PETROLEUM CO.	TX	11/13/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.2
EXXON CO., USA/BAYWAY REFIN.	NJ	10/27/80	EPA REGION II	LARRY KARAS	(212)-264-9538	5.2
TOSCO CORP.	CA	02/19/82	BAY AREA AQMD	JIM KARAS	(415)-771-6000	5.2
UNITED REFINING CO.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	5.2
SOURCE TYPE -- PETROLEUM REFINING - TREATING						
ENDEVCO, INC.	AR	12/03/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.3
OIL INTERNATIONAL LTD	MT	03/10/83	STATE OF MONTANA	HARRY KELTZ	(406)-449-3454	5.3
SOURCE TYPE -- PETROLEUM REFINING - FEEDSTOCK						
AMOCO OIL CO.	IN	02/27/81	INDIANA APCD	KEN KEARNEY	(317)-633-0647	5.4
ARCO PIPELINE CO.	PA	01/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	5.4
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.4
SOURCE TYPE -- PETROLEUM REFINING - AUXILIARY						
ALLIED MATERIALS CORP.	OK	09/30/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.5
AMOCO	TX	12/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
AMOCO TEXAS REFINING CO.	TX		EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
AMOCO, CAVE CREEK	UT	05/20/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.5
CALCASIEU REFIN.	LA	07/22/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CAROLINA REFINING & DIST	GA	09/10/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	5.5
CHAMPLIN PETROLEUM CO.	TX	04/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CHEVRON USA REF.	MS	12/10/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	5.5

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
CHEVRON USA, INC.	CA	04/08/82	BAY AREA AQMD	JOHN SHANSON	(415)-771-6000	5.5
CITIES SERVICE CO.	LA	01/18/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CLARK OIL CO., WOOD RIVER REFIN.	IL	09/25/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	5.5
COASTAL STATES PETROLEUM	TX	10/14/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CONOCO, INC.	LA	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	5.5
CONOCO, INC.	LA	08/10/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
CRA,INC.	KS	09/04/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	5.5
DIAMOND SHAMROCK CORP.	TX	09/04/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
EXXON CHEMICAL AMERICAS	TX	07/30/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
FRIENDSWOOD REFIN.	TX	06/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
GETTY OIL CO.	CA	08/24/82	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	5.5
GOOD HOPE REFIN., INC.	LA	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
GULF OIL CO.	TX	10/13/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
GULF OIL CO.	TX	10/21/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
HAWAIIAN INDEPEN. REFIN.	HI	08/18/81	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	5.5
HIGH PRAIRIE ENERGY CO.	MT	09/05/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.5
HILL PETRCLEUM	LA	03/10/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
HYDROCARBON RECYCLERS, INC.	OK	05/14/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	5.5
INDEPENDENT REFIN.	TX	09/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
LONGVEIW REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
MARATHON OIL CO.	IL	09/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	5.5
MARATHON OIL CO.	TX	03/03/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
NATIONAL COOP. REFIN. ASSOC.	KS	07/17/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	5.5
NEDERLAND PROCESSING CO.	TX	10/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
PETRACO VALLEY OIL & REFINING CO.	TX	10/15/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
PHILLIPS PETROLEUM CO.	TX	10/15/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
PROCESS REFIN. CO.	CA	09/19/79	EPA REGION IX	MATT HABER	(415)-974-8058	5.5
PROVIDENT ENERGY CO.	AZ	03/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038	5.5
SABER REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
SIGMORE REFIN. CO.	TX	12/10/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
SOUTHERN UNION REFIN.	NM	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
STANDARD OIL	OH	03/08/82	OHIO EPA - NWD	CHUCK HULL	(419)-352-8461	5.5
SUNOCO	PA	03/20/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	5.5
TENNECO	LA	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
TEXACO, INC.	LA	11/16/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
TEXACO, INC.	LA	04/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
TEXACO, INC.	TX	06/20/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
TOSCO CORP.	CA	06/18/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	5.5
UNI OIL	TX	03/12/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
SOURCE TYPE -- PETROLEUM REFINING - ENTIRE OPERATION						
GARY WESTERN REFIN.	CO	06/24/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.6
HAMPTON ROADS ENERGY CO.	VA	01/25/80	EPA REGION III	EILEEN GLEN	(215)-597-8187	5.6
HESS OIL - VIRGIN ISLANDS	VI	02/09/82	EPA REGION II	ED NOWAK	(212)-264-8690	5.6
HILL PETROLEUM CO.	LA	10/09/80	EPA REGION VI	JOE WINKLER	(214)-767-2600	5.6
MIAMI VALLEY REFIN. CO.	IN	01/07/81	INDIANA APCD	FRANK PROFIT	(317)-633-0664	5.6
MITCHELL ENERGY	TX	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.6
SUNLAND REFIN. CORP.	CA	09/22/80	EPA REGION IX	DAVID SOLOMON	(415)-454-8066	5.6
SWANN OIL CO.	VA	03/30/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	5.6
VIRGIN ISLANDS REFINERY CORP.	VI	09/04/81	EPA REGION II	ED NOWAK	(212)-264-8690	5.6
SOURCE TYPE -- BULK TERMINALS						
AMOCO OIL CO., GRANVILLE	WI	06/23/80	WISCONSIN DNR	ELIZABETH SPAETH	(414)-257-4929	5.7
ASHLAND PETROLEUM CO.	KY	04/01/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	5.7
BAYTANK INC., HOUSTON	TX	02/12/82	TEXAS ACB	STUART KEIL	(512)-451-5711	5.7
SOURCE TYPE -- STORAGE OF PETROLEUM LIQUIDS						
MCKESSON CHEMICAL CO.	OK	10/01/81	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	5.9
SOURCE TYPE -- TRANSPORT & MARKETING - PETROLEUM PRODUCTS						
ANR STORAGE CO.	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	5.11
COLUMBIA GAS TRANSMISSION CORP.	OH	04/13/81	OHIO EPA CD	GEORGE DEMIS	(614)-864-3195	5.11
CRYSEN REFINING, WESTERN DIV.	UT	11/12/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	5.11

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
DEPT. OF THE NAVY	TX	09/15/82	TEXAS ACB	STUART KEIL	(512)-451-5711	5.11
NORTHERN ALASKAN PIPELINE	AK	02/23/81	EPA REGION X	PAUL BOYS	(206)-442-1193	5.11
NORTHERN TIER	AK	09/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	5.11
SOURCE TYPE -- NATURAL GAS/GASOLINE PROCESSING PLANTS						
AMERADA HESS	TX	05/14/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.12
AMOCO PRODUCTION CO.	ND	01/12/83	NORTH DAKOTA SHD	GARY HELBLING	(701)-224-2348	5.12
CHAMPLIN PETROLEUM CO.	TX	01/11/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.12
CRYSTAL EXPLORATION CO.,SECTION 18,T9N,*	MI	11/30/82	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	5.12
DELHI GAS PIPELINE CORP.	TX	04/29/82	TEXAS ACB	STUART KEIL	(512)-451-5711	5.12
ENDERCO	AR	02/23/83	ARKANSAS DEP	CECIL HARRELL	(501)-562-7444	5.12
EXXON CO., U.S.A.	TX	02/09/82	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.12
LIQUID ENERGY CORP.	NM	12/10/81	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	5.12
MAPCO PRODUCTION CO.	NM	01/14/83	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	5.12
PHILADELPHIA GAS WORKS	PA	05/15/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	5.12
PHILLIPS PETROLEUM CO.	ND	10/25/82	NORTH DAKOTA SHD	GARY HELBING	(701)-224-2348	5.12
PHILLIPS PETROLEUM CO.	NM	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	5.12
PHILLIPS PETROLEUM CO.	TX	01/30/80	EPA REGION VI	JOE WINKLER	(214)-767-1594	5.12
PROCESS EQUIPMENT CORP.	MI	03/23/82	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	5.12
REPUBLIC REFINING CO.	MS	08/03/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	5.12
SID RICHARDSON CARBON & GASOLINE CO.	TX	01/14/81	TEXAS ACB	LES MONTGOMERY	(512)-451-5711	5.12
WARREN PETROLEUM CO.	NM	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.12
WARREN PETROLEUM CO.	ND	01/12/83	NORTH DAKOTA SHD	TERRY O'CLAIR	(701)-224-2348	5.12
SOURCE TYPE -- ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING						
B.A. CHILDS	UT	10/08/82	UTAH BAQ	DON ROBINSON	(801)-533-6108	5.13
KERNRIDGE OIL CO.	CA	04/14/81	EPA REGION IX	DON HARVEY	(415)-974-8223	5.13
SOURCE TYPE -- CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
AMINOIL USA, INC.	CA	08/04/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	5.14

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
BEREY HOLDING CO.	CA	02/23/81	EPA REGION IX	DON HARVEY	(415)-974-8223	5.14
CHEVRON USA, INC.	CA	07/16/82	EPA REGION IX	BOB BAKER	(415)-974-8215	5.14
GEOKINETICS INC., OIL SHALE	UT	11/13/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
MOBIL OIL EXPLORATION	AL	10/16/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	5.14
OXY-LOGAN WASH MODIF.1980	CO	06/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
PARAHO DEVELOPMENT CORP.	UT	11/16/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	5.14
RIO BLANCO OIL SHALE-81	CO	12/20/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
TEXAS TAR SANDS, LTD	TX	06/24/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	5.14
TOSCO OIL SHALE-1981	UT	12/09/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
UNION OIL SHALE #1	CO	05/27/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
WHITE RIVER SHALE OIL CORP.	UT	08/04/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	5.14
SOURCE TYPE -- OIL AND GAS FIELD SERVICE						
SIGMOR PIPELINE CO.	TX	04/27/78	TEXAS ACB	SAM CROWTHER	(512)-451-5711	5.15
UNITED GAS PIPE LINE CO.	TX	05/07/80	TEXAS ACB	JIM CARAWAY	(512)-451-5711	5.15
SOURCE TYPE -- PETROLEUM INDUSTRY -- OTHER						
BEAR CREEK STORAGE	LA	09/22/79	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.16
CHEVRON USA, INC.	UT	07/08/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	5.16
COLORADO INTERSTATE GAS	OK	02/26/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	5.16
HOUSTON PIPE LINE CO.	TX	04/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
OASIS PIPELINE CO.	TX	10/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
ODESSA NATURAL CORP.	TX	03/02/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	OK	05/29/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	OK	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	TX	02/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.16
SHELL OIL CO.	MI	04/19/83	MICHIGAN DNR	LAURA STEINBERGER	(517)-322-1333	5.16
SHELL OIL CO.	MS	09/17/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	5.16
SOUTHERN NAT. GAS	LA	09/11/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.16
SOUTHERN NAT. GAS	LA	07/17/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SUN GAS CO.	TX	02/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
TEXACO, INC.	LA	07/30/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	5.16
TEXACO, INC.	LA	07/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
TEXACO, INC.	LA	08/29/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
UNITED GAS PIPE LINE CO.	LA	03/04/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
UNITED PIPE LINE CO.	TX	03/04/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
SOURCE TYPE -- ACRYLIC ACID PLANT						
BADISCHE CORP.	TX	08/05/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.3
SOURCE TYPE -- ALKYLBENZENE						
CONOCO, INC.	LA	10/08/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.9
SOURCE TYPE -- CARBON BLACK						
ASHLAND CHEMICAL CO.	LA	06/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.12
ASHLAND CHEMICAL CO.	TX	06/02/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	6.12
SOURCE TYPE -- CHARCOAL						
BIG SANDY WOOD IND.	TX	09/03/82	TEXAS ACB	JIMMY RANDALL	(512)-451-5711	6.13
SOURCE TYPE -- CARBON BLACK						
CONTINENTAL CARBON	TX	09/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.12
GREAT LAKES CARBON	AR	12/21/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.12
PHILLIPS PETROLEUM CO.	OK	01/04/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.12

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- CHLOROALKALI						
DIAMOND SHAMROCK CORP.	TX	06/20/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.14
SOURCE TYPE -- CHLOROBENZENE						
BOFORS NOBEL, INC.	MI	02/25/82	MICHIGAN DNR	DANITA BRANDT	(517)-322-1333	6.15
SOURCE TYPE -- ETHYLENE AND POLYETHYLENE						
GULF OIL CHEMICALS	TX	08/17/81	EPA REGION VI	RAGAN BROYLES	(214)-767-1594	6.24
TEXAS EASTMAN CO.	TX	05/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.24
TEX-USS	TX	04/16/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.24
SOURCE TYPE -- ETHYLBENZENE/STYRENE						
AMERICAN HOECHST	TX	07/01/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711	6.27
SOURCE TYPE -- OTHER CHEMICAL						
CONOCO CHEMICAL CO.	TX	10/01/82	TEXAS ACB	ED KASPRZYK	(512)-451-5711	6.62
SOURCE TYPE -- FORMALDEHYDE						
EXXON CHEMICAL AMERICAS	TX	09/16/82	TEXAS ACB	STUART KEIL	(512)-451-5711	6.32
GEORGIA-PACIFIC CORP.	NC	01/17/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.32
INTERNAT. MINERALS & CHEMICAL CORP.	PA	09/12/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	6.32
SOURCE TYPE -- MALEIC ANHYDRIDE						

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MONSANTO CO.	FL	03/26/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	6.36
SOURCE TYPE -- METHANOL						
DOW CORNING CORP.	KY	07/23/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.37
GETTY METHANOL CORP.	DE	10/10/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	6.37
SOURCE TYPE -- PAINT & VARNISH						
SUN CHEMICAL CORP.	MI	08/24/82	MICHIGAN DNR	ASAD KHAN	(517)-322-1333	6.42
SOURCE TYPE - PHARMACEUTICAL						
ELI LILLY	IN	08/04/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	6.43
MEAD JOHNSON & CO.	IN	03/12/82	INDIANA APCD	FRANK PROFIT	(317)-633-0664	6.43
SOURCE TYPE -- PHTHALIC ANHYDRIDE						
ASHLAND CHEMICAL CO.	WV	10/07/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.45
SOURCE TYPE -- SULFUR RECOVERY						
AMOCO PRODUCTION CO.	TX	10/16/79	TEXAS ACB	SAM CROWTHER	(512)-451-5711	6.52
SPONGE, INC.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	6.52
TEXACO, INC. - PUGET SOUND REFINERY	WA	02/25/81	NORTHWEST APA	GLEN HALLMAN	(206)-336-5705	6.52
SOURCE TYPE -- SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)						
ASHLAND SYNTHETIC FUELS, INC.	KY	02/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.53

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DEPT OF WATER RESOURCES	CA	06/15/81	EPA REGION IX	BOB BAKER	(415)-974-8220	6.53
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	05/21/82	EPA REGION IX	MATT HABER	(415)-974-8209	6.53
PACIFIC GAS & ELECT. CO.	CA	01/08/80	EPA REGION IX	BOB BAKER	(415)-974-8220	6.53
SACRAMENTO MUNICIPAL UTILITIES DIST.	CA	05/05/81	EPA REGION IX	BOB BAKER	(415)-974-8220	6.53
SOURCE TYPE -- SYNTHETIC FIBERS						
GLOBE MANUFACTURING CO.	NC	02/01/83	NORTH CAROLINA DEM	MIKE SEWELL	(918)-733-7015	6.54
SOURCE TYPE -- SYNTHETIC RUBBER/RUBBER TIRES						
B.F. GOODRICH	IL	09/16/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	6.55
FIRESTONE TIRE CO.	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.55
SOURCE TYPE -- VINYL CHLORIDE/POLYVINYL CHLORIDE						
B.F. GOODRICH	KY	02/06/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.59
B.F. GOODRICH CHEMICAL	NJ	07/25/80	EPA REGION II	LARRY KARAS	(212)-264-9538	6.59
B.F. GOODRICH CHEMICAL	NJ	10/06/82	EPA REGION II	PETER FLYNN	(609)-264-2611	6.59
B.F. GOODRICH CO.	KY	05/27/82	KENTUCKY EPA	BILL DILLS	(502)-564-3382	6.59
FORMOSA PLASTICS	TX	11/18/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.59
SHINLOCH, INC.	TX	01/05/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	6.59
SHINTECH, INC.	TX	03/17/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.59
SOURCE TYPE -- ALCOHOL FUEL PRODUCTION						
AM. MODERN FOOD ENERGY SYS	IA	04/15/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	6.61
CONSOLIDATED ENERGY GROUP, LTD.	IA	11/13/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	6.61
DUPONT	MI	07/15/80	MICHIGAN DNR	DANITA BRANDT	(517)-302-1333	6.61
MAPEE ALCOHOL FUEL, INC.	TX	03/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.61
NEBRASKA ALCOHOL FUEL CORP.	NE	09/21/82	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	6.61
NEW ENERGY CORP.	IN	12/03/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	6.61

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PEAT METHANOL ASSOCIATES	NC	06/07/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.61
ROCK ISLAND LIQUID FUELS, INC.	IL	02/01/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	6.61
SOURCE TYPE -- OTHER CHEMICAL						
AIRCO CARBIDE, DIV. OF AIRCO, INC.	KY	09/06/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.62
AIRCO SPEER	PA	05/20/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.62
AIRCO SPEER	PA	08/15/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.62
AIRCO SPEER CARBON GRAPHITE	LA	06/05/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
ALLIED CHEMICAL	LA	11/21/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.62
AMERICAN HOECHST	TX	07/01/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711	6.62
ARCHER DANIELS MIDLAND	IL	05/28/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	6.62
ARKANSAS EASTMAN	AR	03/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
BASF-WYANDOTTE	LA	03/27/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	6.62
B.F. GOODRICH CHEMICAL GROUP	LA	11/24/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	6.62
B.F. GOODRICH CO.	OH	11/30/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	6.62
B.F. GOODRICH, CHEMICAL DIV	KY	02/28/80	KENTUCKY DAPC	JOHN MCCARTHY	(502)-587-3327	6.62
DIAMOND SHAMROCK CORP.	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.62
DOW CHEMICAL	TX	10/01/82	TEXAS ACB	L. ROBERTS	(512)-451-5711	6.62
DOW CHEMICAL CO.	LA	08/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.62
EMERY INDUSTRIES	OH	10/23/80	SW OHIO APC	JIM BAIRET	(513)-251-8777	6.62
ESK CORP.	IL		ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	6.62
EXXON CHEMICAL	LA	05/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
E.I. DUPONT DE NEMOURS	OH	12/08/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	6.62
E.I. DUPONT DE NEMOURS	TX	04/28/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.62
HCC CHEMICAL CO.	LA	11/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
ICI AMERICAS, INC.	VA	07/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	6.62
MALLINCKRODT, INC	MO	06/17/82	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	6.62
MALLINCKRODT, INC.	NC	04/19/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	6.62
MERCK & CO., KEKO DIVISION	CA	11/20/81	EPA REGION IX	RICK SUGAREK	(415)-974-8224	6.62
MEREDITH/BURDA, INC.	NC	07/08/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.62
MOLY CORP., INC.	PA	03/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	6.62
MONSANTO CO.	TX	08/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
M&T CHEMICALS, INC.	KY	03/07/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.62
PLAINS ELECT. GEN & TRANS	NM	12/29/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.62

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PPG INDUSTRIES	WV	10/08/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.62
PROCTOR CHEMICAL CO.	NC	02/02/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	6.62
PROCTOR & GAMBLE	GA	09/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	6.62
SHELL CHEMICAL CO.	LA	03/07/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
SMITH KLINE CORP.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.62
TENNESSEE EASTMAN CO.	TN	06/05/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	6.62
TENNESSEE EASTMAN CO.	TN	07/02/81	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	6.62
UNION CARBIDE	GA	02/10/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	6.62
UNIROYAL CHEMICAL, DIV. OF UNIROYAL INC.	LA	09/26/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
U.S. BORAX & CHEMICAL CORP.	CA		EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	6.62
VELSICOL CHEMICAL CO.	TN	10/08/82	CHATTANOOGA APCB	JAMES FRENCH	(615)-867-4321	6.62
3M CO., CHEMOLITE	MN	10/08/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	6.62
SOURCE TYPE -- FEED/GRAIN MILLS AND ELEVATORS						
ALLEN PRODUCTS CO., INC.	PA	09/04/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	7.3
BROOKPORT BARGE POINT,INC	IL	04/03/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	7.3
BUNGE CORP.	MN	01/08/82	MINNESOTA PCA	GEORGE VASILAKES	(612)-296-7267	7.3
CARGILL, INC.	OH	01/19/78	RAPCA - DAYTON,OH	VICKIE SARVER	(513)-225-4435	7.3
CORN PRODUCTS	IL	09/23/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	7.3
SOURCE TYPE -- FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	CA	02/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	7.4
ANHEUSER-BUSCH, INC.	TX		EPA REGION VI	RAGAN BROYLES	(214)-767-1594	7.4
COORS CO.	VA	03/19/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	7.4
SCHREIER MALTING CO	WI	04/21/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	7.4
SOURCE TYPE -- FERTILIZER PLANTS						
AGRICO CHEMICAL CO.	FL	03/20/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	7.6
AGRICO CHEMICAL CO.	FL	01/21/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	7.6
CALIF. AMMONIA (CALANCO)	CA	05/08/81	EPA REGION IX	DON HARVEY	(415)-974-8223	7.6

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CONSERV, INC.	FL	10/02/81	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	7.6
GARDINIER, INC.	FL	07/11/80	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	7.6
NEW WALES CHEMICALS, INC.	FL	06/01/81	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	7.6
OCCIDENTAL CHEMICAL CO.	FL	01/29/81	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	7.6
USS AGRI-CHEMICALS	FL	04/01/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	7.6
W R GRACE & CO	FL	04/01/81	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	7.6
SOURCE TYPE -- FATS/VEGETABLE OILS						
OWENSBORO GRAIN CO.	KY	08/24/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	7.9
SOURCE TYPE -- FRUITS/VEGETABLES PROCESSING						
A.E. STALEY MFG. CO.	IA	07/30/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	7.11
SOURCE TYPE -- OTHER FOOD & AGRICULTURAL						
BOONE VALLY COOP.	IA	08/28/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	7.12
CAMPBELL SOUP CO.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	7.12
CAMPBELL SOUP CO.	OH	03/20/81	OHIO EPA - NWD	SAMIR ARAJ	(419)-352-8461	7.12
GENERAL FOODS CORP.	DE	12/23/82	DELEWARE DHR	HUGH MENGHI	(302)-736-4791	7.12
GRIFFIN INDUSTRIES	IN		INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	7.12
HTC INDUSTRIES	TX	11/30/81	TEXAS ACB	GARY WALLIN	(512)-451-5711	7.12
KNAPPEN VYLACTOS MOLASSES	MN	10/07/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	7.12
LAND O'LAKES INC.	MN	10/08/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	7.12
PACIFIC ADHESIVES COMPANY OF TEXAS	TX	09/02/82	TEXAS ACB	GARY WALLIN	(512)-451-5711	7.12
PRODUCERS COTTON OIL CO.	CA	06/20/80	FRESNO COUNTY APCD	WILLIAM RODDY	(209)-445-3239	7.12
R. J. REYNOLDS	NC		FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	7.12
R. J. REYNOLDS TOBACCO CO.	NC	03/09/79	FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	7.12
SOURCE TYPE -- PRIMARY ALUMINUM PRODUCTION						

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ALCOA	NC	05/20/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	8.1
ALCOA	WA	02/12/82	EPA REGION X	PAUL BOYS	(206)-442-1106	8.1
ALRECO METALS CO.	MI	09/15/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	8.1
ALUMAX PACIFIC CORP.	OR	01/20/83	OREGON DEQ	LLOYD KOSTOW	(503)-229-5186	8.1
ARCO ALUMINUM	KY	04/18/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.1
COASTAL ALUMINUM	SC	11/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	8.1
SOURCE TYPE -- COKE PRODUCTION						
AIRCO CARBIDE (DIV OF AIRCO, INC.)	KY	08/12/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.2
BETHLEHEM STEEL CORP.	MD	08/06/79	EPA REGION III	ED VOLLBERG	(215)-597-8179	8.2
GRANITE CITY STEEL	IL	06/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	8.2
GRANITE CITY STEEL	IL	10/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	8.2
INLAND STEEL CO.	IN	09/22/80	INDIANA APCD	TERRY HOYA	(317)-633-0664	8.2
MARTIN MARIETTA CORP.	CA	12/11/80	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	8.2
PENNSYLVANIA COKE TECHNOLOGY, INC.	WV	08/06/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	8.2
REPUBLIC STEEL CORP.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	8.2
SOURCE TYPE -- FERROALLOY PRODUCTION						
CABOT CORP.	IN	12/05/80	INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	8.4
SOURCE TYPE -- IRON & STEEL PRODUCTION						
ARMCO STEEL CORP.	MD	12/12/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	8.5
BAYOU STEEL	LA	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.5
BETHLEHEM STEEL CORP.	PA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.5
CAMERON IRON WORKS	TX	10/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.5
CHAPARAL STEEL CO.	TX	01/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.5
FLORIDA STEEL CORP.	FL	01/03/83	FLORIDA DER	BRUCE MITCHELL	(904)-488-1344	8.5
FLORIDA STEEL CORP.	TN		TENNESSEE APC	MERVAT AHMED	(615)-741-3651	8.5
KENTUCKY ELECTRIC STEEL CO.	KY	09/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.5
LUFKIN INDUSTRIES, INC.	TX	05/26/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	8.5

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ROANOKE ELECT. STEEL CO.	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	8.5
STD SLAG CO., REPUB. STEEL CORP., #6 BL*	OH	08/19/82	CLEVELAND DAPC	DANIEL NORTON	(216)-664-3508	8.5
THE TIMKEN CO.	OH	12/21/81	CANTON APCD	BRUCE BLANKENSHIP	(216)-489-3385	8.5
U.S. STEEL/DUQUESNE WORKS	PA	07/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.5
YOUNGSTOWN STEEL CORP.	OH		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	8.5
SOURCE TYPE -- SECONDARY ALUMINUM						
ALUMINUM CO. OF AMERICA	OH		CLEVELAND DAPC	RUDY ZUPAN	(216)-664-3508	8.8
BARMET OF KENTUCKY, INC.	KY	02/18/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.8
CONSOLIDATED ALUMINUM CORP.	TN	06/05/81	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	8.8
GMC, CENTRAL FOUNDRY DIV	IN	04/28/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.8
GREATER TENNESSEE METALS, INC.	TN	10/03/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	8.8
KAISER ALUMINUM & CHEMICAL CORP.	IN	11/07/80	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.8
MARTIN MARIETTA OF KENTUCKY	KY	08/17/77	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.8
METAL RESOURCES, INC.	TN	06/25/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	8.8
WILMER PROCESSING DIV.	WI		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	8.8
SOURCE TYPE -- GRAY IRON FOUNDARIES						
BRILLION IRON WORKS	WI	08/03/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	8.11
CYCLONE IRON FOUNDRIES	TX	07/16/80	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	8.11
DANA CORP.	IN	05/11/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.11
LULING IRON FOUNDRY	TX	01/11/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	8.11
LYNCHBURG FOUNDRY	VA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.11
UNIVERSAL FOUNDRY CO.	WI	06/20/80	WISCONSIN DNR	DAN SCHRAMM	(414)-497-4044	8.11
VERMONT CASTINGS	VT	12/23/81	VERMONT AEC	LARRY MILLER	(802)-828-3395	8.11
WAUPACA FOUNDRY PLANT #2	WI	01/20/81	WISCONSIN DNR	DALE ZIEGE	(608)-866-0113	8.11
W-K-M VALUE DIV. OF ACF INDUSTRIES	TX	02/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.11
SOURCE TYPE -- SECONDARY LEAD SMELTING						
HAMMOND LEAD PROD., HALSTAB DIV	IN	11/25/81	HAMMOND APC	RAFIU DAHIA	(219)-853-6306	8.12

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

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P.B. CO.	IN	07/03/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.12
SOURCE TYPE -- SECONDARY MAGNESIUM SMELTING						
ALLIED CHEMICAL CORP.	DE	11/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.13
SOURCE TYPE -- STEEL FOUNDARIES						
ABEX CORP.	PA	07/20/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.14
INTERNAT. METALS RECLAMATION CO.	PA	10/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	8.14
K O STEEL CASTING, INC.	TX	10/03/78	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	8.14
STRUCTURAL METALS, INC.	TX	05/07/80	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	8.14
SOURCE TYPE -- ORE CRUSHING AND GRINDING						
NATIONAL STEEL PELLET CO.	MN	12/08/81	MINNESOTA PCA	JAMES KOLAR	(612)-296-7274	8.19
SOURCE TYPE -- OTHER METALLURGICAL PROCESSES						
AIRCO CARBON	NY	04/30/82	EPA REGION II	BARRY TORNICK	(212)-264-9579	8.22
ATLAS MINERALS	UT	12/07/82	UTAH BAQ	DON ROBINSON	(801)-533-6108	8.22
CUYAHOGA SMELTING & PROCESSING CO., INC.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	8.22
DAYTON WALTHER CORP.	KY	07/30/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.22
LAKE SIDE SLAG	IL	12/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	8.22
SMITH INTERNATIONAL, INC.	NV	03/24/82	CLARK COUNTY	MIKE NAYLOR	(702)-383-1276	8.22
SUPERIOR GRAPHITE	KY	03/10/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.22
TRINITY INDUSTRIES INC	TX	07/24/81	TEXAS ACB	ART KELLOGG	(512)-451-5711	8.22
WISCONSIN CENTRIFUGAL	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	8.22
WISCONSIN CENTRIFUGAL INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	8.22
WISCONSIN CENTRIFUGAL INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	8.22

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SOURCE TYPE -- ASPHALT BATCHING PLANTS						
ALBANY	WI	08/01/80	WISCONSIN DNR	BRIAN GALLEY	(608)-266-9418	9.1
ASPHALT PRODUCTS CORP.	SC	02/14/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	9.1
BERKS PRODUCTS CORP.	PA	09/12/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.1
B.R. AMON & SONS, INC.	WI	05/23/80	WISCONSIN DNR	MIKE DEBROCK	(715)-362-7616	9.1
C.F. CONSTRUCTION CO.	MS	04/02/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	9.1
E.E. MOORE PAVING, INC.	WV	06/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
E.J. BRENEMAN INC.	PA	07/16/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
FRANCIS O. DAY CO., INC.	MD	05/14/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
GENNARO ASPHALT CO.,INC	OH	07/08/81	OHIO EPA - NED	TED DAVIS	(216)-425-9171	9.1
HIGHWAY PAVERS, INC.	WI	03/06/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411	9.1
INDIANHEAD BLACKTOP INC	WI	07/14/82	WISCONSIN DNR	KRIS MCKINNEY	(608)-267-7542	9.1
IVERSION CONSTRUCTION CO., PLATTEVILLE	WI	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418	9.1
J.F. CLECKLEY & CO.	SC	01/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	9.1
J.H. RUDOLPH & CO., INC.	IN	01/21/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	9.1
KEOWN SUPPLY CO.	TX	02/18/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	9.1
KOKOSING MATERIALS, INC	OH	02/05/82	OHIO EPA - CD	JAY MCCOY	(614)-864-3195	9.1
L.A. REYNOLDS	NC	01/16/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	9.1
MARVIN V. TEMPLETON AND SONS, INC.	VA	05/07/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
MATHY CONSTRUCTION CO.	WI	03/19/82	WISCONSIN DNR	DAN JOHNSTON	(605)-267-9500	9.1
MATHY CONSTRUCTION CO. PLANT #14	WI	03/01/81	WISCONSIN DNR	JOE ANCEL	(715)-423-5670	9.1
MILLCREEK TOWNSHIP	PA	05/14/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
MILLER ASPHALT PRODUCTS, INC.	MD	03/16/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.1
MORGANTOWN ASPHALT CO.	WV	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.1
M.A. LAYMAN & SONS	VA	07/16/79	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	9.1
PAYNE & DOLAN INC.	WI	07/07/82	WISCONSIN DNR	IMELDA STAMM	(608)-266-6876	9.1
PAYNE & DOLAN INC., WAUKESHA	WI	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418	9.1
PENDLETON CONSTRUCTION CO.	VA	01/02/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
REIN, SCHULTZ, & DAHL	WI	12/03/82	WISCONSIN DNR	DAN JOHNSTON	(608)-267-9500	9.1
RGK INDUSTRIES	NC	01/29/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	9.1
ROCKROAD OF WISCONSIN	WI	09/15/82	WISCONSIN DNR	KATHY CARTWRIGHT	(608)-266-0244	9.1
RODNEY RASMUSSEN CO.	UT	01/04/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.1
STEELSTONE	ME	11/23/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	9.1
STORY ASPHALT-PAVING	AL	03/10/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	9.1
SUPERIOR SAND & ASPHALT CO.	WV	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.1

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SYKESVILLE CONSTRUCTION CO., INC.	MD	04/03/79	EPA REGION III	EDWARD VOLLBERG	(215)-597-8309	9.1
THE HORVITZ CO.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	9.1
TRI-STATE ASPHALT CORP.	OH		OHIO EPA - SED	FRED KLINGELHAFER	(614)-385-8501	9.1
WINDSOR SERVICES, INC.	PA	05/07/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
ZARLENGO BROS., INC.	PA	01/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	9.1
SOURCE TYPE -- BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS						
D. M. STEWARD CO.	TN	10/08/82	CHATTANOOGA APCB	JAMES FRENCH	(615)-867-4321	9.2
GEORGIA KAOLIN CO.	GA	05/18/81	GEORGIA DNR	BILL MITCHELL	(404)-656-6900	9.2
INTERNATIONAL AMERICAN CERAMICS, INC.	OK	04/06/81	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	9.2
KAISER REFRACTORIES NATIVIDAD FACILITY	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	9.2
MILCHEM	AR	08/07/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.2
SOURCE TYPE -- REFRACTORIES						
JOHN MANSVILLE SALES CORP	TX	01/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.3
KAISER REFACTORIES	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	9.3
SOURCE TYPE -- PORTLAND CEMENT MANUFACTURING						
CALIF. PORTLAND CEMENT CO	CA	01/12/79	EPA REGION IX	DON HARVEY	(415)-974-8223	9.4
CREOLE CORP.	CA	05/20/80	EPA REGION IX	DON HARVEY	(415)-974-8223	9.4
DAL-TEX CEMENT	TX	09/03/82	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	9.4
DIXIE CEMENT CO.	TN	09/10/81	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	9.4
FLORIDA MINING & MATERIALS CORP.	FL	03/25/81	FLORIDA DER	JOHN SVEC	(904)-488-1344	9.4
IDEAL BASIC CEMENT	UT	05/28/82	UTAH DOH	CARL BROADHEAD	(801)-533-6108	9.4
KAISER CEMENT & GYPSUM CORP.	CA	12/26/78	EPA REGION IX	DON HARVEY	(415)-974-8223	9.4
LAS VEGAS PORTLAND CEMENT	NV	02/01/82	EPA REGION IX	BOB BAKER	(415)-974-8215	9.4
LONESTAR FLORIDA PENNSUCO, INC.	FL	03/19/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	9.4
LONESTAR FLORIDA PENNSUCO, INC.	FL	07/08/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	9.4
LONESTAR INDUSTRIES INC.	TX	02/19/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	9.4
LONESTAR INDUSTRIES INC.	WA	01/25/82	EPA REGION X	PAUL BOYS	(206)-442-1106	9.4

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LONESTAR PORTLAND CEMENT	UT	01/16/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.4
MONOLITH PORTLAND CEMENT CO.	CA	12/23/81	EPA REGION IX	DON HARVEY	(415)-974-8223	9.4
SOUTHWESTERN PORTLAND CEMENT CO.	TX	02/26/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	9.4
SOUTHWESTERN PORTLAND CEMENT CO.	TX	11/05/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	9.4
TEXAS CEMENT CO.	TX	05/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.4
SOURCE TYPE -- CEMENT (OTHER THAN PORTLAND) MANUFACTURING						
ASH GROVE CEMENT CO.	NE	10/22/80	NEBRASKA DEC	GENE ROBINSON	(402)-471-2186	9.5
ATLANTIC CEMENT CO., INC.	MD	11/03/80		CARL YORK	(301)-383-2776	9.5
BANKS CONSTRUCTION CO.	SC	04/01/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	9.5
BEEHIVE CEMENT, SANTAGUIN PLANT	UT	02/27/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.5
MARTIN MARIETTA-LEAMINGTON	UT	06/06/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.5
SOURCE TYPE -- COAL CLEANING						
ETSI	AR	01/28/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	9.6
ETSI	AR	01/28/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	9.6
SOUTHERN CA EDISON COALWATER STATION	CA	12/09/81	EPA REGION IX	DICK GROW	(415)-974-8219	9.6
SOURCE TYPE -- COAL CLEANING (THERMAL DRYER)						
CONSOL PENNSYLVANIA COAL CO.	PA	05/03/82	EPA REGION III	GREGORY HAM	(215)-597-2745	9.7
METTIKI COAL	MD	07/05/78	EPA REGION III	CRAIG HOLDEFER	(301)-383-3147	9.7
SOURCE TYPE -- GLASS FIBER MANUFACTURING						
CERTAINTEED CORP.	CA	06/22/81	EPA REGION IX	RICK SUGAREK	(415)-974-8062	9.8
PPG INDUSTRIES	TX	05/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.8
SOURCE TYPE -- FRIT MANUFACTURING						

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GUARDIAN INDUSTRIES CORP.	TX	02/18/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.9
SOURCE TYPE -- GLASS MANUFACTURING						
BALL CORP.	CA	02/13/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	9.11
GUARDIAN INDUSTRIES CORP.	CA	01/16/81	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	9.11
PPG INDUSTRIES	IL	05/29/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	9.11
PPG INDUSTRIES	MD	11/07/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.11
SOURCE TYPE -- GYPSUM MANUFACTURING						
CONTINENTAL LIME, INC	UT	12/05/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.12
U.S. GYPSUM	TX	02/13/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	9.12
SOURCE TYPE -- LIME MANUFACTURING						
ARMCO INC. - PIQUA MINERALS	OH	06/15/81	REGIONAL APC	REBECCA POHLMAN	(513)-335-5655	9.13
CHEMSTONE CORP.	VA	02/07/83	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	9.13
DAN RIVER, INC.	VA	03/22/82	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4867	9.13
DOMTAR INDUSTRIES, INC.	PA	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.13
J.E. BAKER CO.	OH	02/22/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	9.13
SOURCE TYPE -- MINERAL WOOL MANUFACTURING						
TEXACO, INC.	CA	04/09/80	EPA REGION IX	DON HARVEY	(415)-974-8223	9.14
U.S. GYPSUM	IN	02/06/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	9.14
U.S. GYPSUM	OH	03/11/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	9.14
SOURCE TYPE -- PERLITE MANUFACTURING						

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CAROLINA STALITE	NC	11/05/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	9.15
SOURCE TYPE -- PHOSPHATE ROCK PROCESSING						
ESTECH GENERAL CHEMICALS	FL	01/29/81	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	9.16
MOBIL CHEMICAL CO.	FL	03/20/80	FLORIDA DER	WILLARD HAWKS	(904)-488-1344	9.16
SOURCE TYPE -- STONE QUARRYING, SAND/GRAVEL						
COAL INDUSTRY SERVICES CO.	VA	12/06/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.17
CONCRETE MATERIALS INC.	NY	05/12/80	EPA REGION II	PAUL KAHN	(212)-264-9578	9.17
GAF CORP.	PA	02/29/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	9.17
MARTIN MARIETTA AGGREGATES	IN	02/25/81	INDIANA APCD	FRANK PROFIT	(317)-633-0664	9.17
MARYLAND MATERIALS, INC.	MD	10/04/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	9.17
MID-CONTINENT MATERIALS, INC.	OK	11/19/79	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	9.17
WALDRON CRUSHED STONE CO.	IN	10/21/80	INDIANA APCD	TED SOWDERS	(317)-633-0665	9.17
SOURCE TYPE -- TACONITE ORE PROCESSING						
CONOCO, INC.	OH	02/23/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	9.18
TENNESSEE EASTMAN CO.	TN	12/12/80	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	9.18
TENNESSEE EASTMAN CO.	TN	09/24/80	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	9.18
SOURCE TYPE -- MINING OPERATIONS						
SHELL OIL CO.-BUCKSKIN MINE	WY	03/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.19
SOURCE TYPE -- OTHER MINERAL PRODUCTS INDUSTRY						
AM MATERIALS CONSTRUCTION	WI	04/02/80	WISCONSIN DNR	DONALD WHITE	(715)-836-4268	9.21
AMSELCO COAL, FULTON MINE	IN	08/28/80	INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	9.21

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BADGER MINING CORP.	WI	06/27/80	WISCONSIN DNR	BRIAN GALLEY	(608)-266-9418	9.21
GENERAL CASTING CORP.	WI	06/06/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	9.21
LONE STAR POLYMER CONCRETE CO.	VA	01/21/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	9.21
MULLITE CO.	GA	10/07/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	9.21
PATRICK COAL CORP.	VA	02/08/83	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	9.21
PPG INDUSTRIES	NC	10/03/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	9.21
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.21
SOURCE TYPE -- KRAFT PULP MILLS						
ALABAMA KRAFT	AL	07/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.1
ALABAMA RIVER PULP CO., INC	AL	11/06/75	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	10.1
BOWATER CAROLINA CO.	SC	05/03/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	10.1
CHAMPION INTERNAT. CORP.	MI	03/17/81	MICHIGAN DNR	RANDAL TELEZ	(517)-322-1333	10.1
CHESAPEAKE CORP.	VA	06/10/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	10.1
CONTAINER CORP. OF AM	AL	12/21/79	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.1
CONTAINER CORP. OF AM	FL	04/13/81	FLORIDA DER	BOB KING	(904)-488-1344	10.1
FEDERAL PAPERBOARD CO.	NC	08/31/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.1
FEDERAL PAPERBOARD CO.	NC	06/07/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.1
GEORGIA-PACIFIC CORP.	LA	03/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	10.1
GEORGIA-PACIFIC CORP.	AR	03/19/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.1
HAMMERMILL PAPER	AL	03/26/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.1
INDEPENDENT KRAFT CORP.	AL	02/23/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	10.1
INTERNATIONAL PAPER CO.	LA	11/18/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	10.1
INTERSTATE PAPER CORP.	GA	04/16/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	10.1
KIRBY FOREST INDUSTRIES	TX	08/14/80	EPA REGION VI	GEORGE KENNEDY	(214)-767-2742	10.1
LEAP RIVER FOREST	MS	03/14/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	10.1
LONGVIEW FIBRE	WA	11/12/80	WASHINGTON DOE	GEORGE HOUCK	(206)-459-6032	10.1
OLINKRAFT	LA	10/08/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.1
PORT ST. JOE	FL	02/18/82	FLORIDA DER	ED PALAGYI	(904)-488-1344	10.1
POTLATCH	ID	04/25/83	IDAHO AQB	CLINT AYER	(208)-334-5360	10.1
SCOTT PAPER	AL	01/15/81	ALABAMA APCD	SUE ROBERTSON	(205)-830-6570	10.1
SIMPSON LEE PAPER CO.	CA	09/15/82	EPA REGION IX	MATT HABER	(415)-974-8209	10.1
SIMPSON LEE PAPER CO.	CA	01/14/75	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	10.1
SIMPSON LEE PAPER CO.	CA	06/07/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	10.1

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-488-1344	10.1
ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-488-1344	10.1
ST REGIS PAPER CO.	ME	03/10/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	10.1
ST. REGIS PAPER CO.	ME	05/20/82	MAINE DEP	JOHN CHANDLER	(207)-289-2437	10.1
UNION CAMP CORP.	AL	11/15/77	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	10.1
UNION CAMP CORP.	SC	02/25/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	10.1
WESTERN KRAFT	KY	12/03/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	10.1
WESTVACO CORP.	SC	02/24/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	10.1
WESTVACO CORP. - FIVE PAPERS DIV.	KY	03/30/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	10.1
WEYERHAEUSER CO.	MS	05/22/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	10.1
WILLIAMETTE INDUSTRIES, INC., CORRUGATE*	KY	04/30/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	10.1
SOURCE TYPE -- WOOD PULPING (OTHER THAN KRAFT)						
AUGUSTA NEWSPRINT CO.	GA	10/04/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	10.2
BEAR ISLAND PAPER CO.	VA	09/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	10.2
FLAMBEAU PAPER CORP.	WI	04/28/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	10.2
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	10.2
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.2
MACMILLAN BLOEDAL	AL	04/30/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.2
SUNBELT FOREST PRODUCTS CORP.	AL	04/20/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.2
SOURCE TYPE -- HARDBOARD						
ABI TIBI CORP.	NC	03/25/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.3
SOURCE TYPE -- PLYWOOD PLANTS						
KIRBY FOREST INDUSTRIES	TX	01/09/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	10.4
SOURCE TYPE -- WOODWORKING						

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 04/29/1983

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.5
BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.5
SOURCE TYPE -- OTHER WOOD PRODUCTS						
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
CROWN WOOD PRODUCTS	NC	01/28/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
EAGLE ENERGY	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	10.6
GEORGIA-PACIFIC CORP.	NC	01/07/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
GEORGIA-PACIFIC CORP.	NC	06/01/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
HOOKER FURNITURE CORP.	VA	02/16/82	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4867	10.6
SOURCE TYPE -- KRAFT PULP MILLS						
INTERNATIONAL PAPER CO.	AR	07/05/82	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	10.1
SOURCE TYPE -- OTHER WOOD PRODUCTS						
INTERNATIONAL PAPER CO.	AR	03/25/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	10.6
J.M. HUBER CORP.	ME	08/25/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	10.6
LOUISIANA-PACIFIC CORP.	ME	01/27/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	10.6
NATICK PAPERBOARD	MA	04/30/81	EPA REGION I	SARAH SIMON	(617)-223-4448	10.6
PACKAGING CORP. OF AM	MI	12/16/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	10.6
PROCTOR & GAMBLE PAPER PRODUCTS	TX	02/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.6
PROCTOR & GAMBLE PAPER PROD. PLANT	CA	04/02/80	EPA REGION IX	RAY SEID	(415)-974-8066	10.6
SOURCE TYPE -- GENERAL MANUFACTURING AND FABRICATION						
AIRCO CARBON	SC	01/11/82	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	11.0
A.O. SMITH CORP.	WI	06/05/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411	11.0
BUICK MOTOR DIV., GMC	MI	03/31/81	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	11.0
CAMPBELL SOUP CO.	NC	01/29/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	11.0

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
CHEVROLT TRUCK ASSEMBLY PLANT	MI	06/25/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	11.0
CHICAGO & NORTHWESTERN TRANSP. CO.	MI	06/01/80	MICHIGAN DNR	JOHN TROUT	(517)-322-1333	11.0
COLT INDUSTRIES - HOLLEY CARBURETOR DIV	TN	05/01/80	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	11.0
FIRESTONE TIRE CO.	GA	11/13/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	11.0
FORD MOTOR CO., LIMA ENGINE PLANT	OH	05/14/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	11.0
GAF CORP.	PA	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	11.0
GAF CORP.	CA	05/01/79	EPA REGION IX	DON HARVEY	(415)-974-8223	11.0
GENERAL ELECTRIC CO.	AL	03/08/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	11.0
GENERAL MOTORS	KS	04/13/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	11.0
GM DELCO PRODUCTS DIV	OH	05/11/79	RAPCA - DAYTON,OH	JAMES GROSS	(513)-225-4435	11.0
GM HYDRA-MATIC	MI	06/15/79	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	11.0
GM PROVING GROUND	MI	09/03/81	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	11.0
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	11.0
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	11.0
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	11.0
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	11.0
GMC CHEVROLT MOTOR DIV.	MI	03/01/80	MICHIGAN DNR	JOHN VIAL	(517)-322-1333	11.0
HILTI INDUSTRIES, INC	OK	08/08/79	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	11.0
IBM	NY	05/12/82	EPA REGION II	PAUL KAHN	(212)-264-9578	11.0
IBM CORP.	CA	06/09/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	11.0
POOL CO.	KY	06/23/78	KENTUCKY DAPC	GEORGE DAY	(502)-564-3382	11.0
PROCTOR & GAMBLE	TX	09/28/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	11.0
	NY	02/25/82	EPA REGION II	EDWARD NOWAK	(212)-264-8690	11.0
SOURCE TYPE -- INSTITUTIONAL/COMMERCIAL						
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321	12.0
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321	12.0
NORTHERN MICHIGAN UNIV.	MI	10/20/81	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	12.0
RADFORD ARMY AMMUNITION PLANT	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	12.0
UNIVERSITY HOSPITAL	OH		SOUTHWEST OHIO, AP*	STANLY KOZEMBA	(513)-251-8777	12.0
UNIVERSITY OF CINCINATI	OH	11/13/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	12.0
UNIV. OF MICH., CEN HEATING PLANT	MI	09/01/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	12.0
US AIRFORCE-MALMSTROM	MT	06/01/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	12.0

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APPENDIX B

TABLE 2 CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE - SUMMARY OF EMISSION LIMITATIONS

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AL ELEC COOP INC	AL AL 071	1780.00MW	N	LIGNITE BOILER	CO	470.00LB/H	B*
						2060.00T/YR	B*
					NOX	2883.00LB/H	N*
						12628.00T/YR	N*
					PM	144.00LB/H	N*
						631.00T/YR	N*
					SO2	3803.00LB/H	N*
						16658.00T/YR	N*
ARIZONA PUBLIC SERVICE C*	AZ AZP 78-01	350.00MW	N	COAL FIRED BOILER	NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	
					SO2	.07LB/MMBTU	
				COAL HANDLING AREAS			
				LIMESTONE HANDLING AREAS			
ARKANSAS PWR & LT CO.	AR PSD-AR-48	800.00MW	N	COAL-FIRED STEAM GEN	PM	.10LB/MMBTU	
					SO2	.93LB/MMBTU	N*
ASSOC. ELECT. COOP., INC.	MO	730.00MW	M	BOILER, COAL FIRED (UNIT 3),*	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
AUSTELL BOX BOARD CO.	GA 2631-033-7994-C	313.00MMBTU/H	N	BOILER	CO	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
A.E. STALEY MFG. CO.	PA 81PA01	249.00MMBTU/H	M	COAL BOILER	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.90LB/MMBTU	
BASIN ELECTRIC POWER COO*	ND	500.00MW	N	BOILER	NOX	2825.00LB/H	B*
						.45LB/MMBTU	B*
					PM	188.00LB/H	N*
						.03LB/MMBTU	N*
					SO2	2637.00LB/H	B*
						.60LB/MMBTU	B*
					SO2	30.00% OF POTENT.	C*

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FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
BIG RIVERS ELECT. CORP.	KY C-80-41	880.00MW		BOILERS, 2	NOX	9843.00T/YR	
					PM	492.00T/YR	
					SO2	19686.00T/YR	
				COAL HANDLING			
				LIMESTONE HANDLING			
BIG RIVERS ELECT.-D.B. W*	KY C-80-41	880.00MW	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
BOARD OF PUBLIC UTILITIES	KS	246.00MW	N	BOILER, COAL FIRED, PULV.	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	B*
BURLINGTON IND.	NC (R)PSD-NC-032	122.00MMBTU/H	N	BOILER, COAL FIRED	PM	.30LB/MMBTU	B*
BURLINGTON IND.	NC (R)PSD-NC-034	122.00MMBTU/H	N	BOILER,COAL FIRED	PM	.30LB/MMBTU	B*
					SO2	1.40LB/MMBTU	B*
CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-106	6507.00MMBTU/H	N	BOILER, LIGNITE FIRED	CO	.09LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	N*
					SO2	1.08LB/MMBTU	
				COAL HANDLING	PM	1.60LB/H	
				COAL PILES	PM	20.70LB/H	
				LIME/LIMESTONE HANDLING AND *	PM	2.10LB/H	
CARGILL, INC.	SC	161.20MMBTU/H	N	BOILERS, #5 + #6	PM	29.00LB/H	B*
					SO2	326.90LB/H	B*
CELANESE, AMCELLE PLANT	MD 78MD08-R	110000.00LB/H STEAM	N	BOILER,COAL-FIRED	PM	9.24LB/H	S*
						40.50T/YR	S*
					SO2	70.23LB/H	P*
						307.60T/YR	P*
CENTRAL ILLINOIS LIGHT	IL 81 11 0076	800.00MW	N	BOILER, COAL-FIRED, 1, EA	NOX	.60LB/MMBTU	N*

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SOURCE TYPE CODE 1.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.03LB/MMBTU	N*
					SO2	.78LB/MMBTU	N*
CENTRAL POWER & LIGHT	TX (R)PSD-TX-365	6781.00MMBTU/H	M	ACTIVE COAL PILE	PM	5.78LB/H	B*
				COAL CONVEYOR TO BOILER	PM	4.63LB/H	B*
						13.44LB/D	B*
				COAL CONVEYOR TO TRANSFER HO*	PM	2.32LB/H	B*
						6.72LB/D	B*
				COAL DUMPER,ROTARY	PM	29.76LB/H	B*
						149.80LB/D	B*
				COAL FIRED BOILER	CO	.06LB/MMBTU	B*
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.39LB/MMBTU	N*
				COAL SAMPLE HOUSE	PM	7.00LB/H	B*
						34.30LB/D	B*
				COAL TRANSFER HOUSE	PM	7.00LB/H	B*
						34.30LB/D	B*
				CONVEYOR TO ACTIVE PILE	PM	2.25LB/H	B*
						2.25LB/D	B*
				CONVEYOR TO SAMPLE HOUSE	PM	2.40LB/H	B*
						11.75LB/D	B*
				FLYASH HANDLING	PM	.28LB/H	B*
						1.70LB/D	B*
				INACTIVE COAL PILE	PM	2.50LB/H	B*
				LIMESTONE CAR DUMP	PM	2.70LB/H	B*
						24.29LB/WK	B*
				LIMESTONE CONVEYOR TO BINS	PM	.40LB/H	B*
						3.60LB/WK	B*
				LIMESTONE CONVEYOR TO STORAGE	PM	.35LB/H	B*
						3.12LB/WK	B*
				LIMESTONE RECLAIM	PM	19.90LB/H	B*
						179.52LB/WK	B*
				LIMESTONE SILOS	PM	.35LB/H	B*
						3.15LB/WK	B*
				LIMESTONE STORAGE PILE	PM	.05LB/H	B*
				LIMESTONE TRANSFER HOUSE	PM	.19LB/H	B*

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SOURCE TYPE CODE 1.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					1.71LB/HK	B*
CINCINATI GAS & ELECTRIC*	KY C-82-072	1200.00MW	M	UNIT #1	NO2 .70LB/MMBTU	
					11550.00T/YR	
					PM .10LB/MMBTU	
					1650.00T/YR	
					SO2 .84LB/MMBTU	
					13860.00T/YR	
				UNIT #2	NO2 .70LB/MMBTU	
					20790.00T/YR	
					PM .10LB/MMBTU	
					2970.00T/YR	
					SO2 1.20LB/MMBTU	
					35640.00T/YR	
CITY OF WILKES-BARRE	PA 79PA23	92.50MMBTU/H	M	BOILER	PM 8.00LB/H	B*
					SO2 199.00LB/H	B*
					1.50LB/MMBTU	B*
COLORADO UTE-CRAIG UNIT *	CO	1320.00MW	M	ASH SILO VENT	PM 149.00T/YR	B*
				ASH UNLOAD	PM 34.00T/YR	B*
				BOILER, 440 MW		
					NOX .50LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .20LB/MMBTU	B*
				COAL PILE	PM 5.00T/YR	B*
				CONV.	PM 5.00T/YR	B*
				LIME TRANS./STORAGE	PM .00T/YR	B*
				RR CAR	PM 1.00T/YR	B*
				TRANS PTS.	PM .00T/YR	B*
CURTISS-WRIGHT CORP.	NJ	137.00MMBTU/H	M	PFB BOILER		
					SO2 .30LB/MMBTU	S*
DELMARVA POWER & LIGHT	MD 80MD01	550.00MW	M	BOILER	CO .04LB/MBTU	B*
					NOX .60LB/MBTU	B*
					65.00%EMISSION REDU*	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	.60LB/MBTU	B*
						70.00%EMISSION REDU*	B*
					VE	20.00% OPACITY STACK	B*
					VOC	.01LB/MBTU	B*
				BOILERS & STORAGE PILES	PM	.03LB/MBTU	B*
DESERET GEN & TRANS, MOO* UT		800.00MW		BOILERS, COAL-FIRED, 2 EA			
					NOX	.55LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						.02GR/DSCF	B*
					SO2	418.00LB/H	B*
						.06LB/MMBTU	B*
					VE	20.00% OPACITY	
				COAL CONV	PM	1.00T/YR	B*
					VE	20.00% OPACITY	
				COAL CRUSHER	PM	1.00T/YR	B*
					VE	20.00% OPACITY	
				COAL STORAGE	PM	2.00T/YR	B*
					VE	20.00% OPACITY	
				LIMESTONE HAND.	PM	1.00T/YR	B*
					VE	20.00% OPACITY	
EAST KENTUCKY POWER COOP. KY C-76-46		526.00MW MOD.	M	BOILER, PULV., COAL FIRED, D*			
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
EASTMAN KODAK CO., KODAK* NY C262800 025 00*		670.00MMBTU/H	N	ASH HANDLING	PM	.08LB/H	B*
				BOILER, COAL FIRED	BE	.00LB/H	B*
					CO	.05LB/MMBTU	B*
					NOX	.70LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
				BUNKER	PM	.02LB/H	B*
				COAL CAR UNLOADER	PM	1.10LB/H	B*
				CRUSHING	PM	.75LB/H	B*
E. KENTUCKY POWER CORP. KY C-80-67		600.00MW, 2 EA	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				BOILER, COAL FIRED	NOX .60LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	B*
E.I. DUPONT	NC NC-067	245.00MMBTU/H C*		BOILER	NOX .70LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					24.50LB/H	B*
					SO2 2.20LB/MMBTU	B*
E.I. DUPONT	SC (R)SC-034	97.00MMBTU/H EA	N	BOILERS, COAL, #1 + #2	NOX .70LB/MMBTU	B*
					PM .09LB/MMBTU	B*
					SO2 1.70LB/MMBTU	B*
FLORIDA POWER CORP.	FL AC52-36102	1220.00BTU/H	M	FLY ASH HANDLING UNITS	PM 4.00LB/H	B*
GRAND HAVEN BOARD OF LT *	MI 541-79	58.00MW	N	COAL-FIRED BOILER	NOX .60LB/MMBTU 30 D *	
					PM .03LB/MMBTU	
					SO2 .84LB/MMBTU 30 D *	
					.80LB/MMBTU 24 H *	
GRAND RIVER DAM AUTHORITY	OK PSD-OK-51	490.00MW	N	COAL FIRED GEN STATION	PM .10LB/MMBTU	
					513.10LB/H	
					SO2 1.20LB/MMBTU	
					6157.20LB/H	
GREENWOOD MILLS, INC.	SC SC035	88.40MMBTU/H	M	COAL BOILER	NOX .55LB/MMBTU	B*
					PM .04LB/MMBTU	B*
					SO2 1.41LB/MMBTU	B*
GRIFFISS AIR FORCE BASE	NY 30130004760029*	113.00MMBTU/H	N	ASH HANDLING	PM .05GR/DSCF	S*
				ASH SILO	PM .05GR/DSCF	S*
				COAL BUNKER	PM .05GR/DSCF	S*
				COAL CONVEYOR	PM .05GR/DSCF	S*
				COAL FIRED BOILERS, 4	NOX .62LB/MMBTU	B*
					PM .05LB/MMBTU	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

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GRIFFISS AIR FORCE BASE	(CONTINUED)					
					SO2 .71LB/MMBTU	
				COAL HANDLING	PM .05GR/DSCF	S*
				COAL SILO	PM .05GR/DSCF	S*
				LIME BIN	PM .05GR/DSCF	S*
				LIME BLOWER	PM .05GR/DSCF	S*
				LIME SILO	PM .05GR/DSCF	S*
				RECOVERY BIN	PM .05GR/DSCF	S*
HOLYOKE WATER POWER CO.,*	MA APPR. LTR 10-2*		M	COAL COMBUSTION		
					PM .08LB/MMBTU	R*
					S 1.21LB/MMBTU MONT*	R*
					1.60LB/MMBTU DAILY*	R*
HOUSTON LIGHTING & POWER	TX PSD-TX-33	550.00MW	N	COAL FIRED STEAM ELECT. GEN	PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
					573.00LB/H	
HOUSTON LIGHTING & POWER	TX PSD-TX-234	550.00MW	N	ACTIVE LIMESTONE PILE	PM .10LB/H	B*
				COAL FIRED BOILER	CO .06LB/MMBTU	
					NOX .50LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .36LB/MMBTU	N*
				FLY ASH MIX TANK	PM .70LB/H	B*
				INACTIVE LIMESTONE PILE	PM .10LB/H	B*
				LIMESTONE CONVEYERS & TRANSF*	PM .50LB/H	B*
				LIMESTONE CRUSHER	PM .10LB/H	B*
				LIMESTONE FEED SILO	PM .10LB/H	B*
				LIMESTONE UNLOAD	PM .10LB/H	B*
IA SOUTHERN UTILITIES (C*	IA	727.00MW	N	BOILER, STEAM GEN, COAL FIRED	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
IDAHO NAT ENGINEERING LA*	ID (R)PSD-X81-11	165.00MMBTU/H	N	BOILERS, 2	NOX .50LB/MMBTU	B*
					PM .05GR/DSCF	B*
					SO2 [illegible]	B*
				FUGITIVE EMISSIONS	PM .01GR/ACF	

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INDIANA STATEWIDE RURAL *	IN EPA-5-77-A-7	980.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
INDIANA & MICHIGAN ELEC.*	IN EPA-5-78-A-1	2600.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
INDIANAPOLIS POWER & LIG*	IN EPA-5-A-80-8	1950.00MW	N	BOILER, COAL FIRED, 3 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	.55LB/MMBTU	
INTERMOUNTAIN PWR PROJEC*	UT	3000.00MW	N	ASH UNLOAD	PM	64.00LB/H	B*
					VE	20.00% OPACITY	
				COAL CONV	PM	17.00LB/H	B*
					VE	20.00% OPACITY	
				COAL CRUSHING	PM	1.00LB/H	B*
					VE	20.00% OPACITY	
				COAL STORAGE	PM	27.00LB/H	B*
					VE	20.00% OPACITY	
				COAL UNLOAD	PM	2.00LB/H	B*
					VE	20.00% OPACITY	
				CONV/TRANSFER	PM	4.00LB/H	B*
					VE	20.00% OPACITY	
				HAUL ROADS	PM	1.00LB/H	B*
				LIME STORAGE	PM	.10LB/H	B*
				4 BOILERS	VE	20.00% OPACITY	
					CO	1248.00LB/H	B*
					NOX	.55LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.15LB/MMBTU	B*
					VE	20.00% OPACITY	
IOWA ELECTRIC LIGHT & PO*	IA	650.00MW	N	MATERIAL HANDLING	VOC	375.00LB/H	B*
					PM	.01GR/DSCF	B*
				STEAM GENERATING COAL-FIRED *	VE	20.00% OPACITY	B*
					NOX	.50LB/MMBTU 30 D *	B*
					PM	.03LB/MMBTU	

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					SO2 .60LB/MMBTU DAILY* B*
					VE 20.00% OPACITY B*
IOWA-ILLINOIS GAS & ELEC*	IA	600.00MW	N	BOILER	NOX .60LB/MMBTU B*
					PM .03LB/MMBTU B*
					SO2 .86LB/MMBTU 24H AV B*
					1.05LB/MMBTU 3H AV B*
JACKSONVILLE ELECT. AUTH*	FL (R)PSD-FL-010	600.00MW	N	STEAM GEN. UNIT	NOX .60LB/MMBTU N*
					PM .03LB/MMBTU N*
					SO2 .76LB/MMBTU B*
KANSAS CITY POWER & LIGHT	MO	630.00MW	N	BOILER, COAL FIRED, PULV.	NOX .70LB/MMBTU N*
					PM .10LB/MMBTU B*
					SO2 1.20LB/MMBTU B*
KANSAS POWER & LIGHT CO.	KS	2880.00MW (TOTAL*	M	COAL FIRED BOILERS, UNITS 3 *	NOX .70LB/MMBTU N*
					PM .10LB/MMBTU B*
					SO2 1.20LB/MMBTU B*
KENTUCKY POWER - CARR'S *	KY C-80-42	1300.00MW	N	POWER BOILER	NOX .60LB/MMBTU B*
					PM .03LB/MMBTU B*
					SO2 .60LB/MMBTU B*
KENTUCKY UTILITIES - HAN*	KY C-82-123	1300.00MW	N	UNIT #1	CO 1397.00T/YR
					NO2 .60LB/MMBTU
					17476.00T/YR
					PM .03LB/MMBTU
					874.00T/YR
					SO2 1.20LB/MMBTU
					15768.00T/YR
				UNIT #2	CO 1397.00T/YR
					NO2 .60LB/MMBTU
					17476.00T/YR
					PM .03LB/MMBTU
					874.00T/YR
					SO2 1.20LB/MMBTU

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					15768.00T/YR	
LITHIUM CORP.	NC (R)NC-075	233.90MMBTU/H	M	BOILER	CO 1.00LB/T COAL	B*
					NOX .07LB/MMBTU	N*
					PM .11LB/MMBTU	B*
					114.80T/YR	B*
					SO2 2.27LB/MMBTU	B*
LOUISVILLE GAS & ELECT. *	KY C-78-34			INDIRECT HEAT EXCHANGER	NOX .70LB/MMBTU	
					8924.00T/YR	
					PM .10LB/MMBTU	
					1275.00T/YR	
					SO2 1.20LB/MMBTU	
					10790.00T/YR	
LOUISVILLE GAS & ELECT. *	KY C-79-53		N	INDIRECT HEAT EXCHANGER	NOX .70LB/MMBTU	
					8924.00T/YR	
					PM .10LB/MMBTU	
					1275.00T/YR	
					SO2 1.20LB/MMBTU	
					10790.00T/YR	
L.D.S. CHURCH WELFARE SQ*	UT	18000.00LB/H STEA*	M	COAL FIRED BOILER		
					PM .04GR/DSCF	
					VE 20.00% OPACITY	
MARQUETTE BOARD OF LT & *	MI 65-80	517.60MMBTU/H	N	BOILER, COAL-FIRED	NOX .50LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 .40LB/MMBTU	
				COAL & ASH HANDLING & STORAGE	PM .03GR/DSCF	
MIAMI PAPER CORP.	OH 0857190134 B00*	94.60MMBTU/H	M	STOKER BOILER, 2	PM .15LB/MMBTU	
					SO2 1.60LB/MMBTU	
MICHIGAN SOUTH CENTRAL P*	MI 607-78	500000.00LB/H	N	COAL-FIRED BOILER	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	

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MINNESOTA POWER & LIGHT *	MN EPA-5-77-A-6	500.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
MONSANTO CO.	IA	150.00MMBTU/H	M	ASH HANDLING	PM	.01GR/DSCF	B*
					VE	20.00% OPACITY	B*
				BOILER B-8 SPREADER-STOKER	NOX	.60LB/MMBTU 30 D *	B*
					PM	.03LB/MMBTU	B*
					SO2	1.95LB/MMBTU 3HR R*	B*
					VE	20.00%, 6 MIN AVG.	B*
				COAL HANDLING	PM	.01GR/DSCF	B*
					VE	20.00% OPACITY	B*
MORGANTOWN ENERGY RESEAR*	WV 78WV08	98.30MMBTU/H	N	COAL/LIMESTONE CONVEYORS COAL/LIMESTONE DRYER COAL/LIMESTONE DRYER COAL/LIMESTONE DRYER COAL/LIMESTONE UNLOAD FLUIDIZED BED BOILER	NOX	34.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	86.00LB/H	B*
MUSCATINE POWER & WATER	IA	166.00MW (GROSS)	M	ASH HANDLING	PM	.02GR/SCF	L*
				BOILER, UNIT #9, COAL/OIL/GAS	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	L*
					SO2	.45LB/MMBTU 30D R*	L*
						.56LB/MMBTU MAX D*	L*
				COAL HANDLING	PM	.01GR/SCF	L*
NE PUBLIC POWER DIST./GE*	NE	650.00MW	N	BOILER, STEAM GEN, COAL FIRED	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
NEBRASKA PUBLIC POWER DI*	NE	650.00MW		BOILER	CO	50.00PPM	
					NO2	.50LB/MMBTU 30 D *	
					PM	.03LB/MMBTU	
					SO2	70.00% REMOVAL	
						.38LB/MMBTU-30 D *	
				COAL HANDLING	PM	20.00% OPACITY	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
NEVADA POWER CO.	NV NV-77-01	560.00MW EA	N	ACTIVE COAL STORAGE SILOS ASH HANDLING,STOR. & DISPOSAL BOILERS, 4 EA		
					CO 320.00LB/H	B*
					50.00PPM AT 20% EXC*	B*
					FL* 9.00LB/H	
					H2* 13.00LB/H	
					NOX 2498.00LB/H	B*
					.44LB/MMBTU	B*
					PM .02LB/MMBTU	B*
					10.00% OPACITY	B*
					SO2 566.00LB/H	B*
					.10LB/MMBTU	B*
				COAL DEWATERING PLANT		
					CO 26.00LB/H	
					50.00PPM	
					FL* 1.00LB/H	
					2.00LB/H	
					H2* 1.00LB/H	
					2.00LB/H	
					NOX 204.00LB/H	
					.44LB/MMBTU	
					SO2 46.00LB/H	
					.11LB/MMBTU	
				COAL FIRED BOILERS, 4 FUEL OIL STORAGE INACTIVE COAL STORAGE PILE LIME CONVEYING, TRANSFER, ST* PLANT ACCESS & HAUL ROADS	PM 11.40T/YR	
NEW ENGLAND POWER CO., B*	MA APPR. LTR 10-0*	1080.00MW	M	COAL COMBUSTION		
					PM .08LB/MMBTU	R*
					S 1.21LB/MMBTU MONTH*	R*
					2.31LB/MMBTU DAILY*	R*
NORFOLK & WESTERN RAILWA*	VA 79VA14	82.60MMBTU/H	M	BOILER,COAL-FIRED	PM .23LB/MMBTU	B*

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						56.50LB/H	B*
					SO2	2.11LB/MMBTU	B*
						523.10LB/H	B*
NORTHERN INDIANA PUBLIC *	IN EPA-5-A-80-18	7934.00MMBTU/H	N	BOILERS, COAL-FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	.62LB/MMBTU	
				FUGITIVE EMISSIONS, CONVEYORS			
				FUGITIVE EMISSIONS, CRUSHER *			
				FUGITIVE EMISSIONS, FLYASH &*			
NORTHERN STATE POWER CO.*	MN EPA-5-77-A-2	1600.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
NY STATE ELECT. & GAS - *	NY	635.00MW	N	AUXILIARY BOILERS, 2			
				COAL HANDLING			
				FLYASH HANDLING			
				LIMESTONE HANDLING			
				MAIN BOILER			
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.70LB/MMBTU	B*
						.60LB/MMBTU	B*
OKLAHOMA GAS & ELECT. CO.	OK PSD-OK-57	550.00MW	M	COAL FIRED BOILER	PM	.10LB/MMBTU	
						212.00LB/H	
					SO2	1.20LB/MMBTU	
						6180.00LB/H	
OKLAHOMA GAS & ELECT. CO.	OK (R)PSD-OK-218	550.00MW	M	BIN TOWERS, COAL SURGE, 2 EA	PM	3.90LB/H	B*
				COAL CRUSHER TOWER	PM	3.40LB/H	B*
				COAL SILOS, 2 EA	PM	3.70LB/H	B*
				COAL STORAGE PILES	PM	5.80LB/ACRE	B*
				GEN. UNITS, COAL-FIRED, 2 EA	CO	.06LB/MMBTU	B*
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.46LB/MMBTU	N*

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				TUNNELS, COAL RECLAM., 2 EA	PM	2.80LB/H	B*
PENNSYLVANIA ELECT. CO.	PA 78PA13	625.00MW ONE	N	COAL AND ASH HANDLING			
				UTILITY BOILER, COAL FIRED	CO	.04LB/MMBTU	N*
					NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.63LB/MMBTU	B*
PLAINS ELECT. GEN & TRANS	NM (R)PSD-NM-82	2471.00MMBTU/H	N	COAL HANDLING			
				FUGITIVES			
				LIMESTONE HANDLING			
				STEAM GENERATOR, COAL-FIRED	CO	.06LB/MMBTU	B*
					FL*	.00LB/MMBTU	B*
					NOX	.45LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	.20LB/MMBTU	B*
				STOCKPILING AND STORAGE			
PLATTE RIVER PWR-RAWHIDE	CO	250.00MW	N	BOILER	NOX	.50LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.13LB/MMBTU	B*
				COAL CONV	PM	.53LB/H	B*
				COAL CRUSHING	PM	.40LB/H	B*
				COAL STORAGE	PM	40.40LB/H	B*
				COAL UNLOAD	PM	1.05LB/H	B*
				LIME STORAGE	PM	.04LB/H	B*
				SILO(ASH)	PM	.01LB/H	B*
SAGINAW STEERING GEAR	AL AL 064	121.40MMBTU/H	M	BOILER, COAL FIRED	PM	1.60LB/H	B*
					SO2	1.50LB/MMBTU	B*
SALT RIVER PROJECT CORON*	AZ (R)AZP76-1	350.00MW	M	STEAM GEN. UNIT	NOX	.70LB/MMBTU	N*
					PM	.08LB/MMBTU	
					SO2	.80LB/MMBTU	
SANDOW STEAM ELECT. STAT*	TX PSD-TX-28	800.00MW	M	BOILER, LIGNITE FIRED	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	

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					6827.00LB/H	
SIERRA PACIFIC POWER CO.	NV (R)NV 77-02	530.50MW	N	BOILERS, COAL FIRED, 2	NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
SIKESTON BOARD OF MUNICI*	MO	235.00MW	N	BOILER, STEAM GEN, COAL FIRED	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
SOUTHWESTERN PUBLIC SERV*	TX (R)PSD-TX-50	567.00MW, 2 EA	N	STEAM TURBINE, COAL-FIRED	PM .10LB/MMBTU	
					SO2 508.80LB/H	
					1.20LB/MMBTU	
SOYLAND POWER COOP.	IL 82 02 0030		N	BOILER	NOX .60LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					90.00% REMOVAL	N*
					SO2 1.20LB/MMBTU	N*
					90.00% REMOVAL	N*
				MISC. FUGITIVE SOURCES		
SUNFLOWER ELECT. COOP., *	KS	348.00MW (GROSS)	N	BOILER, COAL-FIRED	CO .06LB/MMBTU 30D R*	B*
					NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .48LB/MMBTU 30D R*	B*
SW ELECT. POWER	LA (R)PSD-LA-117	720.00MW EA	M	BOILER, COAL FIRED	CO .80LB/MMBTU	B*
				BOILER, COAL FIRED	CO .80LB/MMBTU	B*
				BOILER, COAL FIRED	NOX .60LB/MMBTU	N*
				BOILER, COAL FIRED	NOX .60LB/MMBTU	N*
				BOILER, COAL FIRED	PM .10LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	N*
				BOILER, COAL FIRED	SO2 .60LB/MMBTU	N*
				COAL HANDLING		
SW ELECT. POWER	TX PSD-TX-64	720.00MW	M	COAL FIRED STEAM GEN	PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	

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REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					682.00LB/H	
SW ELECT. POWER	TX (R)PSD-TX-130	1440.00MW	N	BOILERS, 2 EA	CO .10LB/MMBTU	B*
					NOX .60LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .90LB/MMBTU	B*
				COAL STORAGE	PM 2.40LB/H	
				COAL TRANSFER	PM 2.40LB/H	
				COAL UNLOAD	PM 2.40LB/H	
				LIMESTONE STORAGE	PM .20LB/H	
				LIMESTONE TRANSFER	PM .60LB/H	
				LIMESTONE UNLOAD	PM .20LB/H	
SW ELECT. POWER	TX	720.00MW, 2 EA	N	BOILER, COAL FIRED UNIT #1	CO .13LB/MMBTU	
					892.00LB/H	
					NOX .60LB/MMBTU	
					4068.00LB/H	
					PM 203.00LB/H	
					.03LB/MMBTU	
					SO2 .72LB/MMBTU	
					4882.00LB/H	
				BOILER, COAL FIRED UNIT #2	CO .13LB/MMBTU	
					892.00LB/H	
					NOX .60LB/MMBTU	
					4068.00LB/H	
					PM 203.00LB/H	
					.03LB/MMBTU	
					SO2 .72LB/MMBTU	
					4882.00LB/H	
S.C. PUBLIC SERVICE AUTH*	SC P/C-08-190	500.00MW		#3 GENERATOR	CO .04LB/MMBTU	B*
					NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	N*
					SO2 .41LB/MMBTU	B*
TACOMA CITY LIGHT	WA (R)PSD-X-82-06	1600.00MMBTU/H	N	BOILER	NOX .50LB/MMBTU	
					786.00LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
TACOMA CITY LIGHT	(CONTINUED)					
					NOX 2926.00T/YR	
					SO2 .23LB/MMBTU	
					367.00LB/H	
					SO2 1366.00T/YR	
TAMPA ELECT. CO.	FL (R)PSD-FL-040	425.00MW	M	POWER GEN. UNIT	CO .01LB/MMBTU	B*
					61.00LB/H	B*
					NOX .60LB/MMBTU	B*
					2598.00LB/H	B*
					PM .03LB/MMBTU	N*
					130.00LB/H	N*
					SO2 .82LB/MMBTU	N*
					3576.00LB/H	N*
TUCSON ELECT. POWER CO. *	AZ AZP 79-01	350.00MW	M	COAL FIRED GEN. UNITS	NOX .44LB/MMBTU	
					PM .03LB/MMBTU	
					SOX .22LB/MMBTU	
					817.00LB/H	
TUCSON ELECT. POWER CO. *	AZ (R)AZ77-01	700.00MW	N	BOTTOM ASH COAL FIRED GEN. UNITS, 2	NOX .70LB/MMBTU	N*
					PM .03LB/MMBTU	B*
					SO2 .69LB/MMBTU	B*
				COAL HANDLING FLY ASH		
TVA - AFBC PILOT PLANT -*	KY C-80-18	200.00MMBTU/H	N	FLUIDIZE BED BOILER	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
TVA - PARADISE - DRAKESB*	KY C-79-47	230.00MW	M	COAL CRUSHING PLANT COAL WASHING PLANT	PM 325.20T/YR ALLOWABLE	L*
					136.50T/YR ACTUAL	L*
UTAH PWR & LT CO-HUNTER *	UT	1610.00MW	M	ACTIVE STORAGE	PM 2.00LB/H	B*
					VE 20.00% OPACITY	
				ASH SILO UNLD	VE 20.00% OPACITY	B*

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SOURCE TYPE CODE 1.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				ASH SILO VENTS	PM	49.00LB/H	B*
					VE	20.00% OPACITY	
				BOILERS(3&4)	NOX	.55LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.12LB/MMBTU	B*
					VE	20.00% OPACITY	
				CONV	PM	5.00LB/H	B*
					VE	20.00% OPACITY	
				HAUL ROADS	PM	2.70LB/H	B*
				INACT STORAGE	PM	40.00LB/H	B*
					VE	20.00% OPACITY	
				LIME T/S	VE	20.00% OPACITY	B*
				SLUDGE MIX(ASH)	VE	20.00% OPACITY	B*
				TRANS	PM	1.00LB/H	B*
					VE	20.00% OPACITY	
				TRUCK UNLD	PM	.10LB/H	B*
					VE	20.00% OPACITY	
U.S. DOE, 4 - COAL PILOT*	KY C79121	70400.00T/YR	N	BOILER	CO	1.00T/YR	
					NO2	6.00T/YR	
					PM	2.00LB/H	
						10.00T/YR	
					SO2	3.00T/YR	
					VOC	1.00T/YR	
				COAL DRYING	PM	.60LB/H	
						2.10T/YR	
				COAL HYD. REACTOR	SO2	90.00T/YR	
				COAL RECLAIM	PM	5.20LB/H	
						4.00T/YR	
				COAL STORAGE	PM	1.00T/YR	
				COAL UNLOADING	PM	9.00LB/H	
						3.75T/YR	
				CRUSHED COAL BIN	PM	4.00T/YR	
				DEASHING UNIT HTRS, #501 & 5*	CO	1.00T/YR	
					NO2	6.00T/YR	
					PM	.40LB/H	
						1.75T/YR	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
U.S. DOE, 4 - COAL PILOT* (CONTINUED)						
					SO2 9.00T/YR	
					VOC 1.00T/YR	
				DIST. FUEL TANKS	VOC 1.00T/YR	
				FILTRATE HEATERS	NO2 3.00T/YR	
					PM 1.00LB/H	
					5.00T/YR	
					VOC 2.00T/YR	
				FLAKER	PM .21LB/H	
					.94T/YR	
				FLARE	PM 1.00T/YR	
					SO2 1.00T/YR	
				HYDROGEN HEATER	CO 3.00T/YR	
					NO2 2.00T/YR	
					PM .80LB/H	
					3.50T/YR	
					SO2 1.00T/YR	
					VOC 1.00T/YR	
				NAPTHA TANKS, 3	VOC 1.00T/YR	
				OIL MIST ELIMINATOR	PM 8.15LB/H	
					35.70T/YR	
				REACTOR HEATER #201C	CO 2.00T/YR	
					NO2 9.00T/YR	
					PM 1.00LB/H	
					5.00T/YR	
					SO2 1.00T/YR	
					VOC 1.00T/YR	
				REACTOR HEATERS, 201A & B, T*	PM 1.00LB/H	
					5.00T/YR	
				RESID. OIL TANKS	VOC 1.00T/YR	
				THERMOLIQUID HEATER	CO 2.00T/YR	
					NO2 8.00T/YR	
					PM .60LB/H	
					2.63T/YR	
					SO2 12.00T/YR	
					VOC 1.00T/YR	

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SOURCE TYPE CODE 1.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
WASHINGTON WATER POWER C*	WA (R)PSD-X-83-01	2080.00MW	N	BOTTOM ASH DISPOSAL	
				CGS BOILER	BE .02LB/H ANNUAL AV
					CO 332.00LB/H
					FL* 1.15LB/H ANNUAL AV
					HG .03LB/H ANNUAL AV
					NOX .50LB/MMBTU SB. C*
					.60LB/MMBTU, BIT.*
					PB .27LB/H ANNUAL AV
					PM .03LB/MMBTU
					SO2 .22LB/MMBTU 30D R*
					1140.00LB/H, 24 H ROL*
					SU* 80.90LB/H ANNUAL AV
					VE 20.00% OPACITY
					VOC 3.32LB/H
				COAL CONVEYOR DISCHARGE	VE 20.00% OPACITY
				COAL CONVEYOR TRIPPERS	PM .01GR/DSCF
					VE 5.00% OPACITY
				COAL SILOS	PM .01GR/DSCF
					VE 5.00% OPACITY
				COAL SUPPLY SYSTEM	PM .01GR/DSCF
					VE 5.00% OPACITY
				CONVEYORS	PM .01GR/DSCF
					VE 5.00% OPACITY
				DEAD STORAGE	PM 20.00GR/DSCF
					VE 95.00% OPACITY
				FLY ASH HANDLING & SILOS	PM .01GR/DSCF
					VE 5.00% OPACITY
				LIMESTONE SILOS	PM .01GR/DSCF
					VE 5.00% OPACITY
				ROAD DUST	
				ROTARY CAR DUMPER (COAL)	PM .01GR/DSCF
					VE 5.00% OPACITY
				ROTARY CAR DUMPER (LIMESTONE)	PM .01GR/DSCF
					VE 5.00% OPACITY
				TRANSFER HOUSES	PM .01GR/DSCF
					VE 5.00% OPACITY

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				WASTE TREATMENT BLDG.	PM	.01GR/DSCF	
					VE	5.00% OPACITY	
WEST TEXAS UTILITIES CO.	TX 9015	640.00MW (NET)	N	COAL & LIMESTONE STORAGE/HAN*	PM	60.00LB/H	
				STEAM GENERATOR	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	N*
					SO2	.50LB/MMBTU	N*
WISCONSIN ELEC. POWER CO*	WI EPA-5-76-A-1	1160.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU, OIL	N*
WISCONSIN POWER & LIGHT *	WI EPA-5-77-A-3	400.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
WISCONSIN PUBLIC SERVICE*	WI EPA-5-77-A-4	321.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*

SOURCE TYPE CODE -- 1.2 EXTERNAL COMBUSTION - OIL

ANHEUSER-BUSCH, INC.	VA 79VA15	98.00MMBTU/H	N	BOILER			
					SO2	1.07LB/MMBTU	B*
A.I. DUPONT INSTITUTE	DE (R)79-DE-01	37.50MMBTU/H	N	BOILERS (3)	CO	2.50LB/H	B*
					NOX	30.00LB/H	B*
					PM	.58LB/H	B*
					SO2	66.70LB/H	B*
					VOC	.50LB/H	B*
CRANSTON PRINT WORKS	NC NC-030	243.00MMBTU/H	N	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*

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SOURCE TYPE CODE 1.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.2 EXTERNAL COMBUSTION - OIL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
FIRESTONE TIRE CO.	GA GA 067	96.40MMBTU/H	M	BOILER, OIL FUEL	PM	.16LB/MMBTU	B*
HOOKER CHEMICAL & PLASTI*	MD 78MD07	81.90MBTU/H	M	OIL FIRED BOILER	SO2	355.10LB/H	B*
HOUSTON LIGHTING & POWER	TX (R)PSD-TX-209	185.00MMBTU/H EA	N	BOILER, 2 EA	NOX	.30LB/MMBTU	B*
						55.00LB/H	B*
					PM	.10LB/MMBTU	B*
						18.35LB/H	B*
					SO2	.50LB/MMBTU	B*
						92.10LB/H	B*
ILLINOIS POWER CO.	IL EPA-5-A-79-22		N	TURBINE, OIL FIRED COMBUSTION	NOX	75.00PPM	
ILLINOIS POWER CO.	IL EPA-5-A-79-21		N	TURBINE, OIL FIRED COMBUSTION	NOX	75.00PPM	
NORTHERN INDIANA PUBLIC *	IN EPA-5-79-A-25		N	GENERATOR, OIL FIRED, 2	NOX	75.00PPM	

SOURCE TYPE CODE -- 1.3 EXTERNAL COMBUSTION - NATURAL GAS

CONSUMERS POWER CO.	MI 99-81	175.00MLB/H	N	BOILERS, NAT. GAS, 3 EA	NOX	.20LB/MMBTU	
SOUTHERN NAT. GAS	MS (R)PSD-MS-036	2000.00HP	M	ENGINE, NAT. GAS	CO	10.50LB/H	N*
						46.20T/YR	N*
					NOX	37.40LB/H	N*
						163.90T/YR	N*

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SOURCE TYPE CODE 1.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.4 EXTERNAL COMBUSTION - WOOD WASTE

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	170.00MMBTU/H	N	BOILERS, COAL FIRED, 2	CO 25.60LB/H	B*
					111.80T/YR	B*
					NOX 435.40LB/H	B*
					1901.80T/YR	B*
					PM 62.20LB/H	B*
					271.80T/YR	B*
					SO2 746.40LB/H	B*
					3260.40T/YR	B*
				BOILER, BARK/WOODWASTE	NOX 1.19LB/MMBTU	B*
					205.00LB/H	B*
					PM .25LB/MMBTU	B*
					43.00LB/H	B*
CO-GEN	ID		N	BOILER, WOOD FIRED	CO 5.90LB/H	
					NOX 19.00LB/H	
					PM 3.95LB/H	
CO-GEN., INC.	ID (R)PSD-X81-16	6.00MW	N	BOILER	CO .22LB/MMBTU	B*
					117.60T/YR	B*
					NOX .17LB/MMBTU	B*
					88.20T/YR	B*
					PM .03LB/MMBTU	
					16.60T/YR	
					VOC .08LB/MMBTU	B*
					117.60T/YR	B*
EVERGREEN FOREST PRODUCTS	ID	88.00MMBTU/H	N	BOILER, WOOD FIRED	CO 17.56LB/H SEE NOTE	
					NOX 17.56LB/H SEE NOTE	
					PM 21.22LB/H	
GOLD KIST INC., GOLD KIS*	GA 2075-092-8088-C	25.00MMBTU/H	M	WELLON TYPE A BOILER	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
HUDSON LUMBER CO.	CA 81-PO-17	150.00MMBTU/H	N	BOILER	CO 2.00LB/T FUEL	
					NOX 30.00LB/H, 8 H AVG	
					PM .04GR/DSCF	

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SOURCE TYPE CODE 1.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.4 EXTERNAL COMBUSTION - WOOD WASTE — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
MCNEIL GENERATING STATION	VT	50.00MW	N	WOOD FIRED FURNACE	PM	.01LB/MMBTU .01GR/DSCF AT 12%*	
PANORAMA ENERCORP, INC	WA (R)PSD-X81-15	37.00MW	N	BOILER	CO	107.30LB/H	B*
					NOX	.17LB/MMBTU	B*
					PM	.01GR/DSCF 12% CO2	
					VOC	36.50LB/H	
ULTRASYSTEMS INC.	CA 82-PO-32	145.00MMBTU/H	N	BOILER	CO	126.00T/YR	
					NOX	139.00T/YR	
					PM	.04GR/DSCF	
					SOX	21.00T/YR	
					VOC	55.00T/YR	
WATSON ENERGY SYS, INC.	CA (R)LA 77-02	1440.00T/D WOOD *	N	STEAM GEN. UNITS, 4, WASTE/F*	NOX	83.00LB/H	L*
					PM	4.00LB/H	L*
					SO2	64.00LB/H	L*
WESTERN KRAFT	KY KY-146	450.00MMBTU/H	N	BOILER, WOODWASTE	NOX	.40LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	.32LB/MMBTU	B*

SOURCE TYPE CODE -- 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AMES MUNICIPAL POWER PLA*	IA	65.00MW	M	BOILER, UNIT #8, STEAM GEN.	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
CITY OF COLUMBUS	OH EPA-5-A-80-3	90.00MW	N	BOILER, REFUSE/COAL FIRED, 6*	NOX	.50LB/MMBTU .70LB/MMBTU, COAL*	
					PM	.10LB/MMBTU	
					SO2	.93LB/MMBTU 6 BOI* 1.44LB/MMBTU,<4 BO*	

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SOURCE TYPE CODE 1.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
DEGUSSA CHEM CORP.	AL AL 072	205.68MMBTU/H	M	HEAT BOILER, FUEL OIL, NATUR*	NOX .40LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
FERRO CHEMICAL DIV OF FE*	OH 13-956		N	BOILER	PM .17LB/H	
					.05LB/MMBTU	
FLORIDA POWER & LIGHT	FL FL-047	3600.00MMBTU/H	M	COAL PULVERIZERS	PM 7.70LB/H	N*
					11.09T/YR	N*
GILMAN PAPER CO.	GA GA-071	691.00MMBTU/H	M	BOILER, COAL/WOODWASTE	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	
GULF STATES UTILITY	LA (R)PSD-LA-305	4457.00MMBTU/H	M	BOILER	CO .01LB/MMBTU COAL *	B*
					.03LB/MMBTU OIL	B*
					NOX .19LB/MMBTU COAL *	B*
					.30LB/MMBTU OIL	B*
					PM .03LB/MMBTU COAL *	B*
					.01LB/MMBTU OIL	B*
					SO2 .62LB/MMBTU COAL *	B*
					.66LB/MMBTU OIL	B*
				COAL DELIVERY	PM .08LB/H	B*
				COAL GASIFIER	CO .69LB/T	B*
				COAL GASIFIER	CO .01LB/T	B*
				COAL GASIFIER	NOX .03LB/T	B*
				COAL GASIFIER	NOX .01LB/T	B*
				COAL GASIFIER	PM .03LB/T	B*
				COAL GASIFIER	PM .01LB/T	B*
				COAL GASIFIER	SO2 .10LB/T	B*
				COAL GASIFIER	SO2 .19LB/T	B*
				CRUSHING/SCREENING	PM .14LB/H	B*
				PULVERIZING	PM .08LB/H	B*
				TURBINE	CO .13LB/MMBTU OIL	B*
					.09LB/MMBTU GAS	B*
				TURBINE	CO .09LB/MMBTU	B*
				TURBINE	NOX .27LB/MMBTU OIL	N*

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SOURCE TYPE CODE 1.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
					.27LB/MMBTU GAS N*
				TURBINE	NOX .25LB/MMBTU N*
				TURBINE	PM .21LB/MMBTU OIL B*
					.00LB/MMBTU GAS B*
				TURBINE	PM .00LB/MMBTU B*
				TURBINE	SO2 .68LB/MMBTU OIL B*
					.00LB/MMBTU GAS B*
				TURBINE	SO2 .21LB/MMBTU B*
HARNEY ELECT.	OR (R)PSD-X81-12	442.00MMBTU/H	N	BOILERS, 2	NOX .50LB/MMBTU B*
					SO2 .18LB/MMBTU B*
HOOKER ENERGY CORP.	NY NONE	2360.00T/D	N	RDF/COAL FIRED BOILERS	NOX .70LB/MMBTU COAL
					.30LB/MMBTU OIL
					PM .10LB/MMBTU COAL
					.07LB/MMBTU OIL
					PM .03GR/DSCF REFUSE
					SO2 1.20LB/MMBTU COAL
					.80LB/MMBTU OIL
					VE 20.00% OPACITY COAL B*
					20.00% OPACITY OIL B*
					VE 20.00% OPACITY REFU* B*
PHILIP MORRIS	VA 80VA06	237.00MMBTU/H	M	BOILER, COAL/OIL FIRED	NO2 .70LB/MMBTU B*
					PM .10LB/MMBTU B*
					SO2 2.10LB/MMBTU COAL B*
					2.51LB/MMBTU OIL B*
					VE 20.00% OPACITY B*
POWER AUTHORITY STATE OF*	NY	700.00MW	N	AUX. BOILER	NOX .30LB/MMBTU
					PM .08LB/MMBTU
					SO2 .30% S FUEL S*
				BOILER	CO .04LB/MMBTU B*
					NOX .60LB/MMBTU COAL B*
					.30LB/MMBTU OIL B*
					PM .02LB/MMBTU COAL B*
					.03LB/MMBTU COAL/* B*

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SOURCE TYPE CODE 1.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
POWER AUTHORITY STATE OF* (CONTINUED)							
					PM	.01LB/MMBTU OIL	B*
					SO2	.40LB/MMBTU	B*
					VE	20.00% OPACITY	
				COAL CRUSHED	PM	.03GR/DSCF	B*
					VE	20.00% OPACITY	
				COAL HANDLING COOLING TOWER	PM	.00% OF H2O FLOW	
STONE CONTAINER CORP.	OH EPA-5-A-81-3		N	BOILER, WOOD/GAS	CO	.20LB/MMBTU	
					NOX	.38LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	.02LB/MMBTU	
					VOC	.02LB/MMBTU	
THE CHESAPEAKE CORP.	VA 80VA03	659.00MMBTU/H	M	BOILER,WOODWASTE	CO	.23LB/MMBTU	N*
					NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
					VOC	.23LB/MMBTU	N*
UNION CAMP CORP.	GA (R)PSL-GA-062	1055.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	NOX	.70LB/MMBTU	N*
					PM	.08LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 1.6 EXTERNAL COMBUSTION - OTHER							
ATLANTIC SUGAR ASSOC.	FL (R)AC50-42389	195.00MMBTU/H	N	BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
				BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
					VOC	2.00LB/T BAGASSE F*	S*
				BOILER, NO. 6 OIL	SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.6 EXTERNAL COMBUSTION - OTHER

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CENTRAL SOYA	OH 03-779	51.20MMBTU/H	N	FLUIDIZIED BED BOILER	PM	.02LB/MMBTU	
HOUSTON LIGHTING & POWER	TX (R)PSD-TX-371	1500.00MW	N	BOILER, LIGNITE-FIRED, 2 EA	BE	.00LB/MMBTU	B*
					CO	.11LB/MMBTU	B*
					HG	.00LB/MMBTU	B*
					H2*	.03LB/MMBTU	B*
					NOX	.60LB/MMBTU	N*
					PB	.00LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					VOC	.00LB/MMBTU	B*
				FEED SILO, WASTE BLENDING	PM	.12LB/H	B*
				FLYASH SILO	PM	.12LB/H	B*
				LIMESTONE FEED SILO, 3 EA	PM	.01LB/H	B*
				LIMESTONE LOADOUT	PM	.02LB/H	B*
				LIMESTONE RAILCAR UNLOAD	PM	1.33LB/H	B*
				LIMESTONE RECLAIM TUNNEL	PM	.02LB/H	B*
				LIMESTONE RECLAIM & TRANSFER	PM	.05LB/H	B*
				LIMESTONE STORAGE PILE	PM	.37LB/H	B*
				PUGMILL, WASTE BLENDING	PM	.21LB/H	B*
METROPOLITAN SERVICE DIS*	OR 03-2667	2010.00T/D	N	BOILERS, 3	CO	1.43LB/T	B*
					FL*	.02LB/T	B*
					HCL	.67LB/T	B*
					HG	.00LB/T	B*
					NOX	3.58LB/T	B*
					PB	.01LB/T	B*
					PM	.02GR/DSCF	L*
					SO2	.57LB/T	B*
					TE*	.00LB/T	B*
					VOC	.12LB/T	B*
OCCIDENTAL GEOTHERMAL - *	CA NSR-4-4-1 NC-8*	80.00MW	N	POWER PLANT	H2S	8.00LB/H	
OSCEOLA FARMS CO.	FL FL-0012	288.00MMBTU/H	N	BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
				BOILER, NO.6 OIL	PM	.10LB/MMBTU INPUT	B*
					SO2	1.00% MAX S OIL	B*
					VE	30.00% OPACITY	B*

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SOURCE TYPE CODE 1.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.6 EXTERNAL COMBUSTION - OTHER

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
OSCEOLA FARMS CO.	(CONTINUED)						
					VOC	2.00LB/T	S*
PACIFIC GAS & ELECTRIC C*	CA (R)NSR-4-4-3 *		N	POWER PLANT	H2S	10.40LB/H	B*
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	240000.00LB/H	N	BOILER, #6 OIL	PM	.10LB/MMBTU	B*
					SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	B*
				BOILER, BAGASSE/RESIDUE, #6 *	CO	140.00LB/H	B*
						326.00T/YR	B*
					NOX	123.00LB/H	B*
						209.00T/YR	B*
					PM	.15LB/MMBTU	B*
						75.60LB/H	B*
					SO2	14.00T/D	B*
					VOC	140.00LB/H	B*
						325.00T/YR	B*
TEXAS UTILITIES GEN CO.	TX PSD-TX-32	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
TEXAS UTILITIES SERVICE,*	TX PSD-TX-47	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
TEXAS UTILITIES SERVICE,*	TX PSD-TX-44	792.00MMBTU/H	N	LIGNITE FIRED STEAM ELECT.	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
WESTCHESTER COUNTY RESOU*	NY	2250.00T/D	N	INCINERATORS, REFUSE FIRED, *	AS*	.03GR/DSCF	B*
					BE	.03GR/DSCF	B*
					CO	.62LB/T REFUSE	B*
					HG	.03GR/DSCF	B*
					NOX	3.00LB/T REFUSE	B*
					PB	.03GR/DSCF	B*
					PM	.03GR/DSCF	B*

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SOURCE TYPE CODE 2.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 2.1 REFUSE INCINERATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ENERGY ANSWERS CORP.	MA 025-120MA14	1800.00T/D RDF	N	BOILER,WATER-COOLED, 3 EA.	NOX	.50LB/MMBTU	B*
					PM	.05GR/DSCF 12% CO2	B*
					SO2	.30% S OIL	B*
						.23LB/MMBTU	B*
MCKAY BAY REFUSE-TO-ENER*	FL (R)PSD FL-086	1000.00T/D	N	MASS BURN FURNACES	BE	5.00G/D	
					FL*	6.00LB/H	
					HG	.60LB/H	
					NOX	300.00LB/H	
					PB	3.10LB/H	
MCKAY BAY REFUSE-TO-ENER*	FL AC 29-47277	1000.00T/D	N	MASS BURN FURNACES	PM	.03GR/DSCF AT 12%*	L*
MCKAY BAY REFUSE-TO-ENER*	FL (R)PSD FL-086	1000.00T/D	N	MASS BURN FURNACES	SO2	170.00LB/H	
MCKAY BAY REFUSE-TO-ENER*	FL AC 29-47277	1000.00T/D	N	MASS BURN FURNACES			
MCKAY BAY REFUSE-TO-ENER*	FL (R)PSD FL-086	1000.00T/D	N	MASS BURN FURNACES	VOC	9.00LB/H	
MUNICIPAL INCINERATOR PU*	MD 78MD-09	600.00T/D	N	MUNICIPAL INCINERATOR	CO	30.00PPH	B*
						127.00T/YR	B*
					NOX	2.60PPH	B*
						11.40T/YR	B*
					PM	.03GR/DSCF	S*
						81.60T/YR	S*
					SO2	35.10PPH	B*
						154.00T/YR	B*
					VOC	1.30PPH	B*
						5.50T/YR	B*
NESWC RESOURCE RECOVERY *	MA 029-121MA16	62.50T/H WASTE	N	AUXILIARY BOILER, 1	CO	.04LB/MMBTU	B*
					NOX	.16LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SOX	.02LB/MMBTU	B*
					SO2	.34LB/MMBTU	B*
				STEAM GENERATING UNITS, 2 IN*	CO	.07LB/MMBTU	B*
					NOX	.32LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 2.1 REFUSE INCINERATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.05GR/DSCF AT 12%*	B*
					SOX	.02LB/MMBTU	B*
					SO2	.34LB/MMBTU	B*
N.E. MARYLAND WASTE DISP*	MD 81MD01	2010.00T/D 3 UNI*	M	WATER WALL, 3 EA INCINERATOR	CO	109.00LB/H	B*
						406.00T/YR	B*
					FL*	4.20LB/H	B*
						15.70T/YR	B*
					NOX	227.00LB/H	B*
						999.00T/YR	B*
					SO2	335.00LB/H	B*
						1259.00T/YR	B*
REDDY CREEK IMPROVEMENT *	FL PSD-FL-044	100.00T/D SOLID*	M	SLAGGING PYROLYSIS INCIN.	CO	2.26LB/MMBTU	B*
						91.20LB/H	B*
REFUSE FUELS, INC.	MA 023-121MA12	960.00T/D RDF	M	FURNACE,WATER WALL, BALANCED*	NO2	.70LB/MMBTU RDF	B*
						.30LB/MMBTU OIL	B*
					PM	.03GR/DSCF	L*
					SO2	.80% S OIL	B*
						1.20LB/MMBTU RDF	B*
RESOURCES AUTHORITY	TN	75.00T/D 2 EA	N	BOILERS, 2 MUNICIPAL REFUSE *	PM	.04GR/SCF	N*
STEAM SUPPLY CORP.	OK T82-90		N	INCINERATORS, SOLID WASTE, 3*	CO	54.60LB/H	
					HG	.20LB/H	
					NOX	46.00LB/H	
					PM	31.70LB/H	
					SO2	17.50LB/H	
					VOC	3.50LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 2.2 SEWAGE SLUDGE INCINERATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CITY OF L.A., HYPERION, *	CA (R)NSR-4-4-9 *		M	GAS TURBINE, 4, DIGESTER GAS*	SO2	20.00PPM DRY BASIS	B*
				THERMAL PROCESSING WASTE HEA*	BE	.00LB/H	B*
					HG	.29LB/H	B*
					SO2	20.00PPM DRY BASIS	B*
						9.20LB/H	B*

SOURCE TYPE CODE -- 2.3 OTHER SOLID WASTE DISPOSAL

DELAWARE SOLID WASTE AUT*	DE 79DE02		N	AIR CLASSIFIER	PM	7.70LB/H	B*
				AIR CLASSIFIER	PM	7.70LB/H	B*
				AIR KNIFE	PM	3.80LB/H	B*
				DRYER	PM	12.80LB/H	B*
				DUST CONTROL SYS	PM	5.20LB/H	B*
				GLASS RECOVERY	PM	6.20LB/H	B*
				SECONDARY AIR CLASSIFER	PM	4.10LB/H	B*
DELAWARE SOLID WASTE II	DE 79DE02 II		M	BOILER	PM	.01LB/H	B*
				BOILER	PM	.02LB/H	B*
				DRYER	PM	.48LB/H	B*
				DRYER	PM	1.04LB/H	B*
				HEATER	PM	.00LB/H	B*
				VENTS, 3	PM	1.60LB/H	B*

SOURCE TYPE CODE -- 3.1 NATURAL GAS TURBINES

CHUGACH ELECTRIC ASSOCIA*	AK (R)PSD-X82-07	26.00MW	M	GAS TURBINE	NOX	130.00LB/H	
						569.00T/YR	
					PM	12.00LB/H	
						48.20T/YR	

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SOURCE TYPE CODE 3.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.1 NATURAL GAS TURBINES

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
COLORADO INTERSTATE GAS	KS		M	I.C. RECIP. ENGINES, GAS-FIR*	NOX	760.00PPMV,15%O2 DRY*	
CROWN ZELLERBACH, INC.	CA 28179		N	DUCT BURNER	NOX	88.00PPM NO2 AT 3%O2	
				GAS TURBINE	NOX	42.00PPM NO2 AT 15%*	
KILN-GAS R & D INC.	IL 82 07 0021		N	GAS TURBINE	CO	290.00LB/H	
					NOX	75.00PPM	N*
					SO2	150.00PPM	N*
KISSIMMEE UTILITIES	FL PSD-FL-087	400.00MMBTU/H	N	GAS TURBINE	NOX	129.00PPM	N*
						.01LB/MMBTU	N*
					PM	16.00LB/H	B*
						.04LB/MMBTU	B*
					SO2	388.00FUEL	B*
					VE	20.00% OPACITY	N*
NEVADA PWR CO., CLARK ST*	NV (R)NV 78-02	73.50MW	M	GEN., GAS TURBINE	CO	.12LB/MMBTU	
					NO2	.34LB/MMBTU	
					PM	.03LB/MMBTU	
NEVADA PWR CO., CLARK ST*	NV (R)NV 80-01	73.50MW	M	GEN., COMBUSTION TURBINE	NOX	.34LB/MMBTU	N*
NORTHERN NATURAL GAS	KS		M	I.C. RECIP. ENGINES, DUAL FU*	CO	15.00LB/H	
					NOX	60.00LB/H	
					VOC	3.90LB/H	
PANHANDLE EAST. PIPELINE*	KS		M	I.C. RECIP. ENGINES, GAS FIR*	NOX	600.00PPMV,15%O2 DRY*	
PRUDHOE BAY CONSORTIUM	AK (R)PSD-X81-01	303.00MHP	M	HEATERS	CO	.01LB/MMBTU	B*
					NOX	.08LB/MMBTU	B*
				TURBINES	CO	1.09LB/MMSCF FUEL	B*
					NOX	150.00PPM	B*
PUGET SOUND POWER & LIGHT	WA PSD-X-82-09	200.00MW	N	GAS TURBINE, 2	CO	185.00LB/H	
						645.00T/YR	
					NOX	480.00LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.1 NATURAL GAS TURBINES

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						2061.00T/YR	
					PM	2.90LB/H	
						12.50T/YR	
					SO2	640.00LB/H	
						154.00T/YR	
SW GAS STORAGE CO., PANH*	KS	3200.00HP	N	ENGINES, NAT. GAS FIRED, 5 I*	NOX	850.00PPM 15% O2 (D)	B*
TEXAS EASTERN TRANSMISSI*	PA 82PA02	18500.00HP	M	GAS TURBINE	NOX	150.00PPM	B*
VULCAN MATERIALS CO.	KS	39.10MW	M	TURBINE, SIMPLE-CYCLE, NAT. *			

SOURCE TYPE CODE -- 3.2 NATURAL GAS COMPRESSORS

ALGONQUIN GAS TRANSMISSI*	CT 026-042CT01	4000.00BRAKE HP	M	ENGINE,TURBINE COMPRESSION	NO2	.01% BY VOL	B*
CO INTERSTATE GAS, CHEYE*	CO	20.00MHP	M	2 ENGINES	NOX	39.24LB/H	B*
				2 REC ENGINES			
				2 REC ENGINES			
				2 REC ENGINES	NOX	68.00LB/H	B*
				2 REC ENGINES	NOX	158.60LB/H	B*
CO INTERSTATE GAS, DEERT*	CO	20.00MHP	N	ENGINE			
					NOX	79.30LB/H	B*
				GEN. ENGINE			
					NOX	10.20LB/H	B*
				HEATER			
					NOX	.76LB/H	B*
				2 ENGINES			
					NOX	211.40LB/H	B*
CO INTERSTATE GAS, FLANK	CO	66.00MHP	M	H3 GLYCO REBOIL	NOX	8610.00SCFH	B*
				6 REC NG ENGS	NOX	83.10LB/H	B*

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SOURCE TYPE CODE 3.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.2 NATURAL GAS COMPRESSORS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CO INTERSTATE GAS, KIT C*	CO	44.00MHP	M	ENGINE, OPR			
					NOX	8.90LB/H	B*
				3 ENGINES			
					NOX	211.40LB/H	B*
CO INTERSTATE GAS, TOTEM*	CO	34.00MHP	N	GENERATOR			
					NOX	8.90LB/H	B*
				2 HEATERS			
					NOX	2.52LB/H	B*
				4 ENGINES			
					NOX	53.16LB/H	B*
				6 ENGINES			
				6 ENGINES	NOX	216.60LB/H	B*
CO INTERSTATE GAS, WATKI*	CO	60.00MHP	M	ENGINE			
					NOX	17.84LB/H	B*
				4 ENGINES			
					NOX	142.72LB/H	B*
				5 ENGINES			
					NOX	396.50LB/H	B*
CONSOLIDATED GAS SUPPLY *	WV 81WV01	1600.00HP 2 EA	M	I.C. ENGINE	NOX	7.33G/SEC	B*
EL PASO NATURAL GAS CO.,*	NM NM-428		N	ENGINE, I.C. COMPRESSOR	NOX	2.45G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	2.45G/HP-H	
GETTY OIL CO.	TX X3878		N	SUPERIOR 126TA 'CLEAN BURN' *	CO	115.80T/YR	
					NOX	77.20T/YR	
					VOC	8.40T/YR	
LLANO, INC.	NM NM-477		N	ENGINE, I.C. COMPRESSOR	NOX	2.20G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	2.20G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	2.20G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	2.20G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	2.20G/HP-H	

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SOURCE TYPE CODE 3.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.2 NATURAL GAS COMPRESSORS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
MICHIGAN WISCONSIN PIPE *	MI 660-80	4000.00HP 2 EA	N	COMPRESSOR, NAT. GAS, 2 EA	NOX	12.30G/HP-H	
MTN FUEL RESOURCES-KASTL*	UT	24.00MHP		4 COMP UNIT	CO	228.00LB/H	B*
PANHANDLE EAST. PIPELINE*	KS	1669.00HP	M	I.C. RECIP. ENGINE, UNIT#3	NOX	700.00PPM 15% O2 (D)	B*
PANHANDLE EAST. PIPELINE*	CO	18.00MHP		REC COMP ENG	NOX	5.50G/HP-H	B*
PANHANDLE EAST., FT. LUP*	CO	13746.00HP		REC COMP ENG, 3	NOX	55.00LB/H EA	B*
SOUTHERN NAT. GAS	AL (R)PSD-AL-055	2000.00HP EA	M	VERT COMPRESSOR ENGINES, 3 EA	NOX	16.50GM/HP-H	B*
SOUTHERN NAT. GAS	AL PSD-AL-074	4000.00HP	M	VERTICAL COMPRESSOR ENGINE	NOX	15.00G/HP-H	
SOUTHERN NAT. GAS	AL (R)PSD-AL-075	5000.00BRAKE HP	M	VERTICAL COMPRESSOR ENGINE	NOX	15.00G/HP-H	B*
TENNESSEE GAS PIPELINE C*	PA 27-399-001	15500.00HP	M	GAS COMPRESSOR			
TRANSWESTERN PIPELINE CO*	NM NM-274-M-2		M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-274-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-464		N	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-399-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-411-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-412-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-413-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-414-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-415-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H	

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SOURCE TYPE CODE 3.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
CHAMPLIN PETROLEUM CO.	(CONTINUED)					
					SO2 .10LB/H	B*
				HEATER, HYDROTREATER CHARGE	NOX 5.70LB/H REFIN. GAS	B*
					.12LB/MMBTU REFIN*	B*
					NOX 8.20LB/H G/O	B*
					.17LB/MMBTU G/O	B*
					SO2 1.20LB/H REFIN. GAS	N*
					.03LB/MMBTU REFIN*	N*
					SO2 33.00LB/H G/O	N*
					.76LB/MMBTU G/O	N*
				HEATER, PLATFORM AROMATIC	NOX 2.40LB/H REFIN. GAS	B*
					.12LB/MMBTU REFIN*	B*
					NOX 3.50LB/H G/O	B*
					.17LB/MMBTU G/O	B*
					SO2 .50LB/H REFIN. GAS	N*
					.03LB/MMBTU REFIN*	N*
					SO2 13.80LB/H G/O	N*
					.76LB/MMBTU G/O	N*
				HEATER, PLATFORMER DEPENTANI*	NOX 3.00LB/H REFIN. GAS	
					.12LB/MMBTU REFIN*	
					NOX 4.40LB/H G/O	B*
					.17LB/MMBTU G/O	B*
					SO2 .60LB/H REFIN. GAS	N*
					.03LB/MMBTU REFIN*	N*
					SO2 17.50LB/H G/O	N*
					.76LB/MMBTU G/O	N*
				PLATFORM CHARGE HEATERS, 3	NOX 47.00LB/H REFIN. GAS	B*
					.12LB/MMBTU REFIN*	B*
					NOX 67.30LB/H G/O	B*
					.17LB/MMBTU G/O	B*
					SO2 9.90LB/H REFIN. GAS	N*
					.03LB/MMBTU REFIN*	N*
					SO2 112.70LB/H G/O	N*
					.76LB/MMBTU G/O	N*
				REBOILER, HYDROTREATER STRIP*	NOX 3.80LB/H REFIN. GAS	B*
					.12LB/MMBTU REFIN*	B*
					NOX 5.40LB/H G/O	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PETRACO VALLEY OIL & REF* (CONTINUED)							
					NOX	48.10LB/H	B*
						.12LB/MMBTU	B*
					PM	3.00LB/H	B*
						.01LB/MMBTU	B*
					SO2	6.70LB/H	B*
						.02LB/MMBTU	B*
					VOC	.90LB/H	B*
						.00LB/MMBTU	B*
				FCCU REGENERATOR	CO	61.20LB/H	N*
						.05% BY VOL.	N*
					NOX	39.30LB/H	B*
					PM	16.70LB/H	N*
						1.00LB/MLB COKE	N*
					SO2	116.90LB/H	B*
					VOC	12.70LB/H	B*
				FLARE	CO	17.80LB/H	B*
					NOX	78.80LB/H	B*
					PM	.00LB/H	B*
					SO2	112.10LB/H	
					VOC	3.30LB/H	B*
				HEATER, BUTAMER ISOMER	CO	.10LB/H	B*
						.01LB/MMBTU	B*
					NOX	1.40LB/H	B*
						.12LB/MMBTU	B*
					PM	.10LB/H	B*
						.01LB/MMBTU	B*
					SO2	.20LB/H	B*
						.02LB/MMBTU	B*
				HEATER, CRUDE CHARGE	CO	4.60LB/H	B*
						.01LB/MMBTU	B*
					NOX	51.30LB/H	B*
						.12LB/MMBTU	B*
					PM	3.20LB/H	B*
						.01LB/MMBTU	B*
					SO2	6.80LB/H	N*
						.01LB/MMBTU	N*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				RESIDUE STORAGE TANKS	VOC	.01LB/MMBTU	B*
				VALVES & FLANGES	VOC	11.70LB/MMBTU	B*
SUNLAND REFIN. CORP.	CA SJ-79-22		M	COMBUSTION SOURCES	NOX	50.00PPM 3% O2	B*
					SO2	.03GR/DSCF H2S	L*
				LOADING RACKS	VOC	30.00MG/L OF PRODUCT	
				PRESSURE RELIEF VALVES			
				PROCESS TURNAROUNDS			
				STORAGE TANKS			
				SULFUR RECOVERY PLANT	SO2	1.00LB/H	L*
				SUMP			
				TANK TRUCKS			
				VACUUM DEVICES			
				VALVES/FLANGES/PUMPS/COMPRES*			
				WORK WATER SEPARATOR			
SWANN OIL CO.	VA 78VA04	26000.00BPSD	N	BOILER, STEAM	CO	.60LB/H	B*
					NOX	7.00LB/H	B*
					PM	.50LB/H	B*
					SO2	.20LB/H	B*
				EMERGENCY FLARE SYS	NOX	.20LB/H	B*
					SO2	.01LB/H	B*
				HEATER, CRUDE UNIT ATMOS.	CO	3.00LB/H	B*
					NOX	36.00LB/H	B*
					PM	9.00LB/H	B*
					SO2	18.00LB/H	B*
				HEATER, CRUDE UNIT VACUUM	CO	1.00LB/H	B*
					NOX	7.00LB/H	B*
					PM	2.00LB/H	B*
					SO2	3.00LB/H	
				HEATER, DISTILLATE HYDRODESU*	CO	.30LB/H	B*
					NOX	4.00LB/H	B*
					PM	.30LB/H	B*
					SO2	.10LB/H	B*
				HEATER, NAPHTHA HYDRODESULFU*	CO	.30LB/H	B*
					NOX	4.00LB/H	B*
					PM	.30LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.16 PETROLEUM INDUSTRY -- OTHER — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
TEXACO, INC.	LA (R)PSD-LA-381		M	GEN. DRIVER, 2 EA	CO	10.00G/HP-H	B*
					NOX	10.00G/HP-H	B*
				I.C. COMPRESSOR ENGINE, TURB*	CO	1.30G/HP-H	B*
					NOX	6.50G/HP-H	B*
TEXACO, INC.	LA (R)PSD-LA-301	6300.00HP	M	ENGINE, I.C., TURBOCHARGED	NOX	43.70LB/H	B*
						7.50G/HP-H	B*
				I.C. ENGINE, NAT. ASPIRATED	NOX	7.70LB/H	B*
						10.00G/HP-H	B*
				TURBINE COMPRESSOR, GAS-FIRED	NOX	9.40LB/H	N*
						1.30G/HP-H	N*
TEXACO, INC.	LA (R)PSD-LA-300		M	I. C. ENGINE, NAT. ASPIRATED	NOX	10.00G/HP-H	B*
						11.00LB/H	B*
				I. C. ENGINE, TURBOCHARGED	NOX	7.50G/HP-H	B*
						43.70LB/H	B*
				I. C. ENGINE, TURBOCHARGED	NOX	7.50G/HP-H	B*
						43.70LB/H	B*
				TURBINE, GAS FIRED, COMPRESS*	NOX	1.80G/HP-H	B*
						14.20LB/H	B*
UNITED GAS PIPE LINE CO.	LA (R)PSD-LA-230		M	COMPRESSOR ENGINE, 3 EA	NOX	107.90LB/H EA	B*
						30.80LB/MHP-H	B*
UNITED PIPE LINE CO.	TX TX-211		M	COMPRESSOR ENGINE, 3	NOX	31.50LB/H	B*
						31.50LB/MHP-H	B*

SOURCE TYPE CODE -- 6.3 ACRYLIC ACID PLANT

BADISCHE CORP.	TX (R)PSD-TX-284		M	WASTE INCIN., 2 EA	NOX	.73LB/MMBTU	B*
					SO2	.68LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.11LB/H	B*
					SO2	.63LB/H	B*
				LOAD - UNLOAD	PM	.69LB/H	B*
				LOAD - UNLOAD, 4	PM	1.37LB/H EA	B*
				MONITOR GRAPHITIZING, 4	CO	1348.30LB/H	B*
					H2S	46.06LB/H EA	B*
					PM	18.50LB/H EA	B*
					SO2	44.31LB/H EA	B*
				PREHEATER COMBUSTION STACKS *			
				SCRAP CRUSHINGS	PM	1.37LB/H	B*
				SIDEBLOCK MFG.	PM	1.37LB/H	B*
				SILO VENT FILTER GRAPHITIZIN*	PM	.07LB/H EA	B*
				SILO VENT FILTER MILL, MIX &*	PM	.05LB/H EA	B*
				SILO VENT FILTER, PROCESS MA*	PM	.07LB/H EA	B*
				STACK GRAPHITIZING, 4	CO	6.65LB/H EA	B*
					H2S	15.35LB/H EA	B*
					SO2	81.09LB/H EA	B*
ALLIED CHEMICAL	LA (R)PSD-LA-104		M	BLENDER BLOWER	PM	3.00LB/H	B*
				BLENDER BLOWER	PM	3.00LB/H	B*
				BOILER	NOX	.30LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.07LB/MMBTU	B*
					VOC	.01LB/MMBTU	B*
				CATALYST ACTIVATOR	PM	.12LB/H	B*
				CATALYST ACTIVATOR VENT	PM	.14LB/H	
				FEED BLOWER	PM	3.00LB/H	B*
				FEED BLOWER	PM	3.00LB/H	B*
				FUGATIVES	VOC	6.30LB/H	B*
				PELLET BLOWER	PM	3.00LB/H	B*
				POWDER BLOWER	PM	3.00LB/H	B*
				PURGE FLARE	VOC	.53LB/H	B*
				REGENERATION HEATER	NOX	.20LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
				TRANSFER BLOWER	PM	3.00LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.1 PRIMARY ALUMINUM PRODUCTION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					FL*	12.00LB/H	B*
					PM	26.00LB/H	B*
ALCOA	WA (R)PSD-X82-04	612.00T/D			SO2	321.00LB/H	B*
			M	POTLINES 1,2,3	SO2	3.00% S IN COKE 46.00LB/T ALUMINUM	
ALRECO METALS CO.	MI 342-344-81						
			N	AL. HOLDING FURNACE AL. REVERB. FURNACE, 3 EA	SO2	.52LB/MMBTU	
					CL	3.00MG/CU METER	
					FL*	2.50MG/CU METER	
					PM	.03LB/MLB EXHAUST	
					SO2	.52LB/MMBTU	
				SHREDDING OPERATION & DRYER	PM	.04LB/MLB EXHAUST	
ALUMAX PACIFIC CORP.	OR 38-0074	220000.00T/YR	N	ANODE COKE ENTIRE PLANT	SO2	3.00%	B*
					FL*	1.30LB/T MONTHLY AV	B*
						1.00LB/T ANNUAL AV	B*
					PM	5.40LB/T MONTHLY AV	P*
						5.00LB/T ANNUAL AV	P*
ARCO ALUMINUM	KY C-83-48						
			M	AL REDUCTION POTROOM LINES, 4	F	64.10T/YR	
					PM	1.90LB/T AL	
					SO2	358.80LB/H	
					VE	10.00% OPACITY	
				ANODE BUTTS CLEANING	PM	2.00LB/H	
				ANODE BUTTS STRIP & CRUSHER	PM	3.30LB/H	
				ANODE MIXERS, 3	PM	.54LB/H	
				ANODE ROD & STUB CLEANING	PM	1.00LB/H	
				ANODE/CATHODE MIXERS	PM	.94LB/H	
				BATH STG. BIN	PM	5.10LB/H	
				BUTTS SURGE TANKS, 2	PM	.86LB/H	
				CENTRAL BUTTS PROCESSING	PM	3.60LB/H	
				COKE BALL MILL	PM	.86LB/H	
				COKE CRUSHING	PM	1.30LB/H	
				COKE FINISH & HANDLING	PM	1.20LB/H	
				COKE PACKING & CONVEYING	PM	.99LB/H	
				CYOLITE BATH CRUSHER	PM	12.90LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.17LB/MMBTU G/O	B*
					SO2	.80LB/H REFIN. GAS	N*
						.03LB/MMBTU REFIN*	N*
					SO2	2.20LB/H G/O	N*
						.76LB/MMBTU G/O	N*
CHEVRON USA REF.	MS MS 024	7000.00GPCD	M	PROCESS EQUIPMENT	NOX	125.00PPM GAS	B*
					SO2	.10GR/DSCF	N*
CHEVRON USA, INC.	CA 27797		N	FURANCE #1	NOX	40.00PPM NO2 AT 3%O2	
				FURANCE #10	NOX	40.00PPM NO2 AT 3%O2	
				FURANCE #2	NOX	40.00PPM NO2 AT 3%O2	
				FURANCE #3	NOX	40.00PPM NO2 AT 3%O2	
				FURANCE #5	NOX	40.00PPM NO2 AT 3%O2	
				FURANCE #6	NOX	40.00PPM NO2 AT 3%O2	
				FURANCE #7	NOX	40.00PPM NO2 AT 3%O2	
				FURANCE #8	NOX	40.00PPM NO2 AT 3%O2	
				FURANCE #9	NOX	40.00PPM NO2 AT 3%O2	
				FURNACE 4	NOX	40.00PPM NO2 AT 3%O2	
CITIES SERVICE CO.	LA		M	A REFORMER FURNACE, B-102 - *	NOX	34.50LB/H	B*
						.04LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01MMBTU/H	B*
				A REFORMER FURNACE, B-201	NOX	14.20LB/H	B*
						.00LB/MMBTU	B*
					VOC	.20LB/H	B*
						.00LB/MMBTU	B*
				A REFORMER FURNACE, B-202	NOX	11.60LB/H	B*
						.00LB/MMBTU	B*
					VOC	.20LB/H	B*
						.00LB/MMBTU	B*
				B REFORMER FURNACE, B-401	NOX	13.20LB/H	B*
						.00LB/MMBTU	B*
					VOC	.20LB/H	B*
						.00LB/MMBTU	B*
				B REFORMER FURNACE, B-402	NOX	12.20LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					VOC	.80LB/H	B*
						.00LB/MMBTU	B*
				HEATER, HF ALK ISOSTRIPPER R*	CO	2.70LB/H	B*
						.01LB/MMBTU	B*
					NOX	28.00LB/H	B*
						.12LB/MMBTU	B*
					PM	1.70LB/H	B*
						.01LB/MMBTU	B*
					SO2	4.00LB/H	N*
						.02LB/MMBTU	N*
					VOC	.50LB/H	B*
						.00LB/MMBTU	B*
				HEATER, HYDROCRACKER	CO	4.10LB/H	B*
						.01LB/MMBTU	B*
					NOX	42.30LB/H	B*
						.12LB/MMBTU	B*
					PM	2.70LB/H	B*
						.01LB/MMBTU	B*
					SO2	6.10LB/H	N*
						.02LB/MMBTU	N*
					VOC	.80LB/H	B*
						.00LB/MMBTU	B*
				HEATER, HYDROHEATER FEED	CO	1.70LB/H	B*
						.01LB/MMBTU	B*
					NOX	17.60LB/H	B*
						.12LB/MMBTU	B*
					PM	1.10LB/H	B*
						.01LB/MMBTU	B*
					SO2	2.60LB/H	N*
						.02LB/MMBTU	N*
					VOC	.30LB/H	B*
						.00LB/MMBTU	B*
				HEATER, OIL	CO	1.90LB/H	B*
						.01LB/MMBTU	B*
					NOX	19.60LB/H	B*
						.12LB/MMBTU	B*
					PM	1.20LB/H	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				HEATER, NAPHTHA REFORMER	SO2	.10LB/H	B*
					CO	1.00LB/H	B*
					NOX	11.00LB/H	B*
					PM	1.00LB/H	B*
				HEATER, VISBREAKER	SO2	.30LB/H	B*
					CO	1.00LB/H	B*
					NOX	17.00LB/H	B*
					PM	4.00LB/H	B*
				POWER PLANT, TANKER	SO2	8.00LB/H	B*
					CO	1.00LB/H	B*
					NOX	64.00LB/H	B*
					PM	14.00LB/H	B*
				RECOVERY UNIT, CLAUS SULFUR	SO2	211.00LB/H	B*
VIRGIN ISLANDS REFINERY *	VI NONE	200.00MBPSD	N	API WASTE OIL SEPERATOR	SO2	14.00LB/H	B*
				BOILERS, FOSSIL FIRED, 3	VOC	436.00T/YR	N*
					CO	14.00T/YR	B*
					NOX	.20LB/MMBTU GAS	B*
						.30LB/MMBTU OIL	B*
					PM	.35LB/MMBTU	B*
					SO2	20.00PPM H2S GAS	B*
						.33% S BY WT., OIL	B*
				FCC UNIT	VOC	3.00T/YR	B*
					CO	565.00T/YR	N*
					NOX	.30LB/MMBTU OIL	B*
						.20LB/MMBTU ALT. *	B*
					PM	1.00LB/MLB COKE BU*	L*
						.10LB/MMBTU SUPP.*	L*
					SO2	79.00T/YR	N*
				HYDROGEN PLANT	VOC	3247.00T/YR	B*
					CO	105.00T/YR	B*
					NOX	1088.00T/YR	B*
					PM	.35LB/MMBTU	B*
					SO2	3.00T/YR	B*
					VOC	19.00T/YR	B*
				INCINERATOR, MULTI-CHAMBER	PM	.30LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.3 ACRYLIC ACID PLANT

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CONOCO, INC.	LA (R)PSD-LA-291	1'0.00MMLB/YR	M	FLARE	CO	.02LB/H	B*
					NOX	.12LB/H	B*
				HEATER, HOT OIL	CO	.02LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
				HEATER, STARTUP	CO	.03LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
				PACOL HEATER, CHARGE	CO	.02LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*

SOURCE TYPE CODE -- 6.12 CARBON BLACK

ASHLAND CHEMICAL CO.	LA LA-339	320.00MMLB/YR	M	CO BOILER	CO	94.00LB/H	B*
					NOX	26.40LB/H	B*
					PM	6.90LB/H	B*
					SO2	977.30LB/H	B*
				DRYER 1	VOC	19.30LB/H	B*
					CO	36.90LB/H	B*
					NOX	10.70LB/H	B*
					PM	6.24LB/H	B*
					SO2	38.30LB/H	B*
				DRYER 2	VOC	4.00LB/H	B*
					CO	79.30LB/H	B*
					NOX	9.69LB/H	B*
					PM	15.28LB/H	B*
					SO2	777.80LB/H	B*
					VOC	9.10LB/H	B*
ASHLAND CHEMICAL CO.	TX TX-338		M	CO BOILER	CO	62.00LB/H	B*
					NOX	28.00LB/H	B*
					PM	10.00LB/H	B*
					SO2	565.00LB/H	B*
					VOC	3.00LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AMERICAN HOECHST	TX 5264	220.00MMLB/YR	N	PROCESS VENTS			
				STORAGE BINS	PM	2.30T/YR	T*
						350.00UG/CU. M	T*
				STORAGE TANKS	VOC	.55T/YR	A*
ARCHER DANIELS MIDLAND	IL 81 07 0035		M	BOILER	NOX	.17LB/MMBTU	
				BYPRODUCT DRYER	NOX	.16LB/MMBTU	
ARKANSAS EASTMAN	AR (R)PSD-AR-311		M	BOILER, COAL-FIRED	NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
				COAL HANDLING SYS	SO2	1.60LB/MMBTU	B*
					PM	1.00LB/H	B*
BASF-WYANDOTTE	LA		M	STEAM BOILER	NOX	36.40LB/H	B*
						.12LB/MMBTU	B*
B.F. GOODRICH CHEMICAL G*	LA (R)PSD-LA-326	5500.00MMLB/YR (*	M	BOILER, COAL FIRED	CO	.08LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.02LB/MMBTU	B*
					SO2	.33LB/MMBTU	B*
				EDC CRACKING FURNACES	CO	.02LB/MMBTU	B*
					NOX	.14LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*
				PVC SILOS, 52 EA	CO	.01LB/MMBTU	B*
					NOX	.47LB/MMBTU	B*
					PM	6.16LB/H	B*
				WASTE GAS INCIN.	CO	.00LB/MMBTU	B*
					NOX	.49LB/MMBTU	B*
					PM	4.56LB/H	B*
B.F. GOODRICH CO.	OH 1947030004			COAL FIRED BOILER	CO	.19LB/MMBTU	B*
						200.00T/YR	B*
					NOX	.70LB/MMBTU	B*
						730.00T/YR	B*
					PM	.06LB/MMBTU	B*

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SOURCE TYPE CODE 6.62

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.1 PRIMARY ALUMINUM PRODUCTION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ARCO ALUMINUM	(CONTINUED)						
				ELECTRIC ARC FURNACES, 4	PM	2.80LB/H	
				FLUID COKE CONVEYING & DIST.	PM	.86LB/H	
				GREEN ANODE SCRAP STG.	PM	5.10LB/H	
				HOLDING FURNACES, 5	CO	.63LB/H	
					NOX	6.70LB/H	
					PM	.37LB/H	
					SO2	.02LB/H	
					VOC	.11LB/H	
				POT DEMOLITION	PM	8.60LB/H	
				UNREACTED ORE STORAGE, 3 TAN*	PM	.71LB/H	
					PM	.58LB/H	
					PM	1.40LB/H	
COASTAL ALUMINUM	SC SC-036		N	ANODE BAKE OVENS, 2 EA			
					VOC	11.77LB/H	
				WHOLE PLANT			
					PM	14.70LB/H	B*
SOURCE TYPE CODE -- 8.2 COKE PRODUCTION							
AIRCO CARBIDE (DIV OF AI*	KY C-81-42	277000.00T/YR	N	PRODUCT HANDLING	PM	6.04T/YR	L*
				RAW MATERIAL HANDLING	PM	8.21T/YR	L*
				ROTARY KILN	CO	20.51T/YR	S*
					NOX	21.07T/YR	
					PM	1.33T/YR	L*
					SO2	243.20T/YR	B*
					VOC	35.62T/YR	
BETHLEHEM STEEL CORP.	MD 79MD03	1400000.00T/YR	M	CHARGING	PM	.00LB/T	L*
				DOORS	PM	.05LB/T	L*
				OVENS, 80	SO2	26.00LB/H	B*
				PUSHING	PM	.03LB/T	L*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.2 NATURAL GAS COMPRESSORS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
TRANSWESTERN PIPELINE CO.*	NM NM-387-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H	
VALERO TRANSMISSION CO.	TX X-3603	3000.00HP	N	GAS COMPRESSORS, 3	CO	64.40T/YR	
					NOX	34.80T/YR	
					VOC	.70T/YR	

SOURCE TYPE CODE -- 3.3 OTHER INTERNAL COMBUSTION

CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-062	540.00MW	N	TURBINE, COAL FIRED			
CITY OF AUGUSTA	KS	6000.00KW	M	DUAL FUEL ENGINE, GEN. UNIT *			
					NOX	1150.00PPM 15% O2 (D)	T*
CITY OF KINGMAN	KS	18611.00HP	M	IC ENGINE, DUAL FUEL, UNIT 8	NOX	1150.00PPMV, 15% O2, *	B*
CITY OF OTTAWA	KS	16624.00HP (TOTAL*	M	RECIP. ENGINES, 2 DUEL-FUEL *	NOX	1150.00PPM 15% O2 (D)	B*
EMPIRE DIST. ELECT. CO.	MO	90.00MW	M	COMBUSTION TURBINE, SIMPLE-C*	CO	56.00LB/H	B*
						21.00PPMV	B*
					NOX	230.00PPMV, 15% O2, *	B*
FLORIDA POWER	FL FL 017	252.00MW	N	TURBINE PEAKING UNITS, 4 EA	CO	86.00LB/H	B*
						64.00T/YR	B*
					NOX	250.00LB/H	N*
						187.00T/YR	N*
					SO2	379.00LB/H EA	B*
						284.00T/YR	B*
GULF STATES UTILITY	LA (R)PSD-LA-294	100.00MW	M	TURBINE	CO	.16LB/MMBTU OIL	B*
						.09LB/MMBTU GAS	B*
					NOX	.26LB/MMBTU OIL	N*
						.25LB/MMBTU GAS	N*
					PM	.09LB/MMBTU OIL	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					.00LB/MMBTU	B*
					VOC .20LB/H	B*
					.00LB/MMBTU	B*
				B REFORMER FURNACE, B-403,40*	NOX 50.80LB/H	B*
					.22LB/MMBTU	B*
					VOC 2.30LB/H	B*
					.00LB/MMBTU	B*
				B REFORMER FURNACE, B-406	NOX 12.60LB/H	B*
					.00LB/MMBTU	B*
					VOC .20LB/H	B*
					.00LB/MMBTU	B*
				C REFORMER, REGEN. VENT		
				COKER FURNACES, B-201	NOX 18.00LB/H	B*
					.22LB/MMBTU	B*
					VOC .20LB/H	B*
					.00LB/MMBTU	B*
				COKER FURNACE, B-101	NOX 23.70LB/H	B*
					.00LB/MMBTU	B*
					VOC .30LB/H	B*
					.00LB/MMBTU	B*
				COMPLEX COOLING TOWERS	VOC 234.40LB/H	B*
				POWER HOUSE BOILER, B-A3,3C	NOX 60.50LB/H	B*
					.35LB/MMBTU	B*
					VOC .90LB/H	B*
					.01LB/MMBTU	B*
				POWER HOUSE BOILER, B-3, B-3B	NOX 60.50LB/H	B*
					.01LB/MMBTU	B*
					VOC .90LB/H	B*
					.01LB/MMBTU	B*
				REFINERY, MSC. SOURCES	VOC 291.00LB/H	B*
				REFORMER FURNACE, B-501,502,*	NOX .00LB/MMBTU	B*
					37.60LB/H	B*
					VOC .00LB/MMBTU	B*
					.60LB/H	B*
				REFORMER FURNACE, B-503,504,*	NOX .19LB/MMBTU	B*
					101.70LB/H	B*
					VOC .00LB/MMBTU	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.01LB/MMBTU	B*
					SO2	2.80LB/H	N*
						.01LB/MMBTU	N*
					VOC	.40LB/H	B*
						.00LB/MMBTU	B*
				HEATER, PENEX ISOMER FEED	CO	.20LB/H	B*
						.01LB/MMBTU	B*
					NOX	1.70LB/H	B*
						.12LB/MMBTU	B*
					PM	.10LB/H	B*
						.01LB/MMBTU	B*
					SO2	.30LB/H	N*
						.02LB/MMBTU	N*
				HEATER, PLATFORM FEED	CO	26.80LB/H	B*
						.01LB/MMBTU	B*
					NOX	321.90LB/H	B*
						.12LB/MMBTU	B*
					PM	53.20LB/H	B*
						.01LB/MMBTU	B*
					SO2	570.90LB/H	B*
						.02LB/MMBTU	B*
					VOC	5.30LB/H	B*
						.00LB/MMBTU	B*
				HEATER, SCOT UNIT FEED	CO	.10LB/H	B*
						.01LB/MMBTU	B*
					NOX	.60LB/H	B*
						.12LB/MMBTU	B*
					SO2	.10LB/H	B*
						.01LB/MMBTU	B*
				HEATER, VACUUM CHARGE	CO	2.30LB/H	B*
						.01LB/MMBTU	B*
					NOX	26.20LB/H	B*
						.12LB/MMBTU	B*
					PM	1.70LB/H	B*
						.01LB/MMBTU	B*
					SO2	3.50LB/H	N*
						.02LB/MMBTU	N*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				MARINE LOAD & UNLOAD FACILITY	VOC	64.00T/YR	S*
				PETROLEUM LIQUID STORAGE TAN*	VOC	937.00T/YR	N*
				PROCESS HEATERS	CO	369.00T/YR	B*
					NOX	.30LB/MMBTU OIL	B*
						.20LB/MMBTU ALT. *	B*
					PM	.35LB/MMBTU	B*
					SO2	3683.00T/YR	B*
					VOC	72.00T/YR	B*
				PUMPS, SEALS, VALVES, FLANGES	VOC	177.00T/YR	B*
				SULFUR RECOVERY PLANT	CO	29.00T/YR	B*
					NOX	.30LB/MMBTU OIL	B*
						.20LB/MMBTU, ALT.	B*
					PM	.35LB/MMBTU	B*
					SO2	365.00T/YR	N*
					VOC	35.00T/YR	B*
SOURCE TYPE CODE -- 5.7 BULK TERMINALS							
AMOCO OIL CO., GRANVILLE	WI MAN-03-80-41-0*		N	TERMINAL	VOC	30.00MG/L	L*
				TERMINAL	VOC	80.00MG/L	
					VOC	30.00MG/L	L*
ASHLAND PETROLEUM CO.	KY C-81-37			BOTTOM FILL LOADING RACK	VOC	80.00MG/L GROUND LO*	
BAYTANK INC., HOUSTON	TX 8865	476000.00BBL	N	STORAGE TANKS, 49			
				WASTE WATER SEPERATOR, SEE N*			
SOURCE TYPE CODE -- 5.9 STORAGE OF PETROLEUM LIQUIDS							

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.12 CARBON BLACK — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				STACK DRYER 1	CO	42.50LB/H	B*
					NOX	20.00LB/H	B*
					PM	7.40LB/H	B*
					SO2	373.90LB/H	B*
					VOC	1.40LB/H	B*
				STACK DRYER 2	CO	42.50LB/H	B*
					NOX	20.00LB/H	B*
					PM	7.40LB/H	B*
					SO2	373.90LB/H	B*
					VOC	1.40LB/H	B*
SOURCE TYPE CODE -- 6.13 CHARCOAL							
BIG SANDY WOOD IND.	TX C8881		N	WOOD-CHARRING PILES, 5	CO	178.00T/YR	B*
					NOX	4.40T/YR	B*
					PM	20.50T/YR	B*
SOURCE TYPE CODE -- 6.12 CARBON BLACK							
CONTINENTAL CARBON	TX PSD-TX-345		M	DRYER			
				DRYER			
				FIREBOX			
				REACTOR			
				REACTOR			
GREAT LAKES CARBON	AR PSD-AR-271A		M	BAGHOUSE	PM	.02LB/H	B*
				INCIN.	PM	6.66LB/H	B*
PHILLIPS PETROLEUM CO.	OK PSD-OK-223		M	NAT. GAS FIRED COMPRESSOR	CO	.20LB/H	

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SOURCE TYPE CODE 6.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						63.00T/YR	B*
					SO2	1.20LB/MMBTU	L*
						1250.00T/YR	L*
B.F. GOODRICH, CHEMICAL *	KY KG-091	152.30MMBTU/H	M	COAL FIRED BOILER	PM	.03LB/MMBTU	
					SO2	1.00LB/MMBTU	
DIAMOND SHAMROCK CORP.	NC NC 058		M	SODIUM BICHROMATIC PLANT/BOI*	PM	96.43UNKNOWN	B*
					SO2	25.00LB/MMBTU	B*
DOW CHEMICAL	TX X3873		M	PRODUCT STRIPPER	AL*	2.10T/YR	
DOW CHEMICAL CO.	LA (R)PSD-LA-393		M	TURBINE, NAT. GAS-FIRED, 2 EA	CO	.12LB/MMBTU	B*
					NOX	.44LB/MMBTU	N*
EMERY INDUSTRIES	OH OHIO 14-312		N	BOILER, COAL-FIRED	NOX	.70LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	
ESK CORP.	IL		M				
EXXON CHEMICAL	LA (R)PSD-LA-221		M	THERMAL OXIDIZERS, 2 EA	SO2	2.06LB/MMBTU	B*
E.I. DUPONT DE NEMOURS	OH EPA-5-A-81-1		N	BOILERS, COAL-FIRED, 2	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	
E.I. DUPONT DE NEMOURS	TX (R)PSD-TX-335		M	ASH HANDLING	PM	.01LB/H	B*
				BOILER	NOX	.30LB/MMBTU OIL	
						.60LB/MMBTU COAL	
					PM	.05LB/MMBTU OIL	
						.08LB/MMBTU COAL	
					SO2	.79LB/MMBTU OIL	
						1.69LB/MMBTU COAL	
				COAL CAR UNLOAD	PM	.20LB/H	B*
				CONVEYING TRANSFER	PM	.13LB/H	B*
				EROSION	PM	.02LB/H	B*

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SOURCE TYPE CODE 6.62

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.2 COKE PRODUCTION — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.03GR/DSCF	L*
				QUENCHING	PM	.31LB/T	L*
				STAND PIPES	PM	.30LB/T	L*
				UNDERFIRE	PM	.12LB/T	L*
						.02GR/DSCF	L*
GRANITE CITY STEEL	IL C808048	763.00T/D COKE	N	BATTERY STACK	PM	.02GR/DSCF	L*
				CHARGING			
				COKE OVENS, PUSHING	PM	.04LB/T COKE	L*
				DOORS	PM	5.00% OF OVENS	L*
				LIDS	PM	1.00% OF LIDS	L*
				OFFTAKE PIPING	PM	4.00% OF PIPING	L*
GRANITE CITY STEEL	IL 81 01 0067	790.00T/D COKE	N	BATTERY STACK	PM	.02GR/DSCF	L*
				CHARGING			
				COKE OVENS, PUSHING	PM	.04LB/T COKE	L*
				DOORS	PM	5.00% OF OVENS	L*
				LIDS	PM	1.00% OF LIDS	L*
				OFFTAKE PIPING	PM	4.00% OF PIPING	L*
INLAND STEEL CO.	IN PC(45)1445		N	COKE OVEN GAS DESULFURIZATION	SO2	.35GR/100 CF H2S	
				OVEN DOORS			
				PRE-CARBONIZATION EMISSIONS	PM	.03GR/DSCF	
						20.00% OPACITY	
				PUSHING OPERATION	PM	.02LB/T COKE	
				UNDERFIRE EMISSIONS	PM	.10LB/MMBTU	
MARTIN MARIETTA CORP.	CA (R)LA 80-03		M	CALCINING FACILITY	SO2	131.00LB/H	
						2.55LB/T GREEN COKE	
PENNSYLVANIA COKE TECHNO*	WV 80WV04	210000.00T/YR	N	COMBUSTION STACK	NOX	785.00LB/H	B*
					PM	20.20LB/H	B*
					SO2	161.10LB/H	B*
				FUGITIVE TSP			
REPUBLIC STEEL CORP.	OH 13-083	760.00T/D	N	CHARGING HOLE LIDS	PM	2.00% OF LIDS	
				COKE OVEN DOORS	PM	10.00% OF DOORS	

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SOURCE TYPE CODE 8.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.3 OTHER INTERNAL COMBUSTION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.00LB/MMBTU GAS	B*
					SO2	.35LB/MMBTU OIL	N*
						.00LB/MMBTU GAS	N*
GULF STATES UTILITY	LA (R)PSD-LA-292	2672.00MMBTU/H	M	COMBUSTION TURBINE(2)	CO	125.00LB/H	B*
						.09LB/MMBTU GAS	B*
					CO	216.00LB/H	B*
						.16LB/MMBTU OIL	B*
					NOX	334.00LB/H	N*
						.25LB/MMBTU GAS	N*
					NOX	362.00LB/H	N*
						.27LB/MMBTU OIL	N*
					PM	1.00LB/H	B*
						.00LB/MMBTU GAS	B*
					PM	33.00LB/H	B*
						.03LB/MMBTU OIL	B*
					SO2	5.50LB/H	N*
						.00LB/MMBTU GAS	N*
					SO2	296.00LB/H	N*
						.22LB/MMBTU OIL	N*
HOFFMANN-LAROCHE, INC.	NJ	23.30MKW	M	DIESEL ENGINE, W/WASTE HEAT *	NOX	2272.00T/YR	N*
MUNICIPAL GENERATING PLA*	KS		M	ENGINE-GENERATOR			
					NOX	1150.00PPMV,15%O2 DRY*	
NEVADA PWR CO./REID GARD*	NV (R)NV 79-03	250.00MW	M	GENERATOR	NOX	.50LB/MMBTU SB. C*	
						.60LB/MMBTU BIT. *	
					PM	.03LB/MMBTU	
					SO2	.29LB/MMBTU	
PRUDHOE BAY CONSORTIUM	AK (R)PSD-X81-13	160.00MHP	M	GAS HEATERS	CO	.02LB/MMBTU	
					NOX	.08LB/MMBTU	B*
				GAS TURBINE, 10	CO	109.00LB/MMSCF FUEL	B*
					NOX	150.00PPM	B*
SEA WORLD, INC.	CA 7801		N	I.C. PISTON ENGINE	CO	1.50LB/MMBTU SEE N*	

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SOURCE TYPE CODE 3.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				TANKAGE		1.50LB/H	B*
				TOPPER FURNACE, B-2C	VOC	581.70LB/H	B*
					NOX	14.40LB/H	B*
						.22LB/MMBTU	B*
					VOC	.20LB/H	B*
						.00LB/MMBTU	B*
CLARK OIL CO., WOOD RIVE* IL 81060081			M	PROCESS HEATERS	CO	55.50T/YR	
					NOX	389.30T/YR	
					PM	92.90T/YR	
					SO2	1.00LB/MMBTU	
				STORAGE TANKS	VOC	70.20T/YR	
COASTAL STATES PETROLEUM	TX TX-243	225.00MBPSD	M	BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
				BOILER, UTILITY	NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
				GAS OIL HDS HEATER	CO	1.31LB/H	B*
						.02LB/MMBTU	B*
					NOX	8.80LB/H	B*
						.12LB/MMBTU	B*
				HEATER, COKER CHARGE	CO	2.04LB/H	B*
						.02LB/MMBTU	B*
					NOX	13.60LB/H	B*
						.12LB/MMBTU	B*
				HEATER, CRUDE CHARGE	CO	.81LB/H	B*
						.02LB/MMBTU	B*
					NOX	5.40LB/H	B*
						.12LB/MMBTU	B*
				HEATER, DIESEL HDS	CO	.16LB/H	B*
						.02LB/MMBTU	B*
					NOX	1.10LB/H	B*
						.12LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PETRACO VALLEY OIL & REF* (CONTINUED)							
					VOC	.40LB/H	B*
						.00LB/MMBTU	B*
				INCIN., SULFUR PLANT	CO	.40LB/H	B*
						.01LB/MMBTU	B*
					NOX	67.40LB/H	B*
						1.40LB/MMBTU	B*
					PM	.40LB/H	B*
						.01LB/MMBTU	B*
					SO2	26.00LB/H	N*
						.02% BY VOL.	N*
					VOC	.10LB/H	B*
				REGENERATOR, PLATFORMER CAT.		.00LB/MMBTU	B*
					SO2	.10LB/H	B*
PHILLIPS PETROLEUM CO.	TX PSD-TX-102M-1	130000.00BPSD	M	CO BOILERS, 2	CO	.02LB/MMBTU	
					NOX	1.90LB/MMBTU	
					PM	.31LB/MMBTU	
					SO2	.10LB/MMBTU	
					VOC	.00LB/MMBTU	
				CRUDE OIL TANKS, 3	VOC	1.63T/YR EA	
				FUGITIVE	VOC	140.00T/YR	
				HEATERS, 4	CO	.02LB/MMBTU	
					NOX	.14LB/MMBTU	
					PM	.01LB/MMBTU	
					SO2	.03LB/MMBTU	
					VOC	.00LB/MMBTU	
				I.C. COMPRESSOR	CO	1.39G/HP-H	
					NOX	10.90G/HP-H	
					PM	.02G/HP-H	
					SO2	.10G/HP-H	
					VOC	4.42G/HP-H	
				I.C. ENGINE, 2	CO	.02LB/MMBTU GAS	
						.03LB/MMBTU OIL	
					NOX	.14LB/MMBTU GAS	
						.40LB/MMBTU OIL	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.9 STORAGE OF PETROLEUM LIQUIDS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
MCKESSON CHEMICAL CO.	OK SEE NOTE		M	DRUM FILLING FACILITY			

SOURCE TYPE CODE -- 5.11 TRANSPORT & MARKETING - PETROLEUM PRODUCTS

ANR STORAGE CO.	MI 67-80		N	COMPRESSOR, NAT. GAS, 2 EA	NOX	12.00G/HP-H	
COLUMBIA G/S TRANSMISSIO*	OH 0123000137		N	NAT. GAS FIRED I. C. ENGINES	CO	2.00G/HP-H	
					NOX	5.00G/HP-H	
					VOC	.30G/HP-H	
CRYSEN REFINING, WESTERN*	UT			NAPTHA TANK, 2			
DEPT. OF THE NAVY	TX X3818	22600.00GAL/D	N	LOADING RACK/STORAGE TANKS, 2			
NORTHERN ALASKAN PIPELINE	AK (R)PSD-X81-03*	2000.00MMCF/D	N	ELECT. GEN. TURBINE	NOX	150.00PPM	B*
						15.00KG/H	B*
				GLYCOL HEATER MISC.	NOX	43.00NG/J	B*
						4.00KG/H	B*
				MAINLINE COMPRESSOR TURBINE	NOX	150.00PPM	B*
						80.00KG/H	B*
				REFRIG. COMPRESSOR TURBINE	NOX	150.00PPM	B*
						38.00KG/H	B*
NORTHERN TIER	AK (R)PSD-X81-14	933.00MBBL/D	N				

SOURCE TYPE CODE -- 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS

AMERADA HESS	TX (R)PSD-TX-328	55000.00HP	M	ENGINE, NAT. GAS, COMPERSSOR*	CO	1.40G/HP-H	B*
					NOX	10.60G/HP-H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.12 CARBON BLACK

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.40LB/H	
SOURCE TYPE CODE -- 6.14 CHLOROALKALI							
DIAMOND SHAMROCK CORP.	TX TX-276		M	GAS TURBINE, 3	CO	108.10LB/H EA	B*
						.11LB/MMBTU	B*
					NOX	403.00LB/H EA	N*
						.42LB/MMBTU	N*
					PM	13.20LB/H EA	B*
						.01LB/MMBTU	B*
					SO2	.60LB/H	N*
						.00LB/MMBTU	N*
				STEAM GEN., HEAT RECOVERY, 3	CO	4.08LB/H EA	B*
						.02LB/MMBTU	B*
					NOX	55.20LB/H EA	B*
						.22LB/MMBTU	B*
					PM	3.60LB/H EA	B*
						.02LB/MMBTU	B*
SOURCE TYPE CODE -- 6.15 CHLOROBENZENE							
BOFORS NOBEL, INC.	MI 615-81		N	DCB MANUFACTURE	DCB	9.06UG/CU. METER	
				DCB PACKOUT	DCB	3.52UG/CU. METER	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				LOAD	PM	.24LB/H	B*
				PILE EROSION	PM	.02LB/H	B*
				PUMPING	PM	.21LB/H	B*
				RECLAIMING	PM	.02LB/H	B*
HCC CHEMICAL CO.	LA (R)PSD-LA-108		N	ASH SILO	PM	.23LB/H	
				BOILER, GAS/OIL	CO	.04LB/MMBTU	B*
					NOX	.30LB/MMBTU	N*
					PM	.02LB/MMBTU	B*
					SO2	.32LB/MMBTU	B*
				BOILER, SPREADER STOKER	CO	.10LB/MMBTU COAL	B*
					CO	.04LB/MMBTU RESID*	B*
					CO	.04LB/MMBTU DIST *	B*
					CO	.02LB/MMBTU N. GAS	B*
					NOX	.70LB/MMBTU COAL	B*
					NOX	.30LB/MMBTU RESID*	N*
					NOX	.16LB/MMBTU DIST *	B*
					NOX	.17LB/MMBTU N. GAS	B*
					PM	.02LB/MMBTU COAL	B*
					PM	.02LB/MMBTU RESID*	B*
					PM	.01LB/MMBTU DIST *	B*
					PM	.01LB/MMBTU N. GAS	B*
					SO2	.32LB/MMBTU COAL	B*
					SO2	.14LB/MMBTU RESID*	B*
					SO2	.32LB/MMBTU DIST *	B*
					SO2	.00LB/MMBTU N. GAS	B*
				BOILER, WASTE GAS	NOX	.20LB/MMBTU	
					PM	.01LB/MMBTU	
				COAL BUNKER HOUSE	PM	.36LB/H	
				COAL CRUSHER HOUSE	PM	2.15LB/H	
				COAL HANDLING	PM	5.30LB/H	
ICI AMERICAS, INC.	VA 50418		M	DRYER	PM	.02LB/H	
				EDGE/SCRAP CONVEYOR	PM	.00LB/H	
				FLAKE BUNKER	PM	.24LB/H	
				FLAKE HOPPER	PM	.42LB/H	
				RECLAIM CHIP HOPPER	PM	.00LB/H	

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SOURCE TYPE CODE 6.62

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.2 COKE PRODUCTION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				METALLURGICAL COKE MFG.	H2S	35.00GR/100 DSCF	
				OFFTAKE PIPING	PM	5.00% OF PIPES	
				PUSHING OPERATION	PM	.06LB/T COKE PUSH*	
				WASTE GAS STACK	PM	.03GR/SCF	
SOURCE TYPE CODE -- 8.4 FERROALLOY PRODUCTION							
CABOT CORP.	IN PC(34)1482		N	GRIT BLAST OPERATION	PM	20.00T/YR	L*
				ROUGH GRIND	PM	20.00T/YR	L*
				SLAB CUT OFF	PM	20.00T/YR	L*
SOURCE TYPE CODE -- 8.5 IRON & STEEL PRODUCTION							
ARMCO STEEL CORP.	MD 79MD02	95.00MT/YR MELT	M	ELECT. ARC FURNACE	PM	.01GR/DSCF	B*
						38.00LB/D	B*
BAYOU STEEL	LA PSD-LA-066	145.50MCF/H	N	DUST CONTROL	PM	9.68LB/H	
					SO2	.20LB/H	
				ELECT. ARC FURNACES, 2	PM	2.19LB/H	
					SO2	.09LB/H	
BETHLEHEM STEEL CORP.	PA 79PA07	1.20MMT/YR ST*	M	DESULFURIZATION	PM	.00GR/DSCF	B*
						.12LB/H	B*
				ELECT. ARC FURNACE	CO	140.00LB/H	B*
					PM	.00GR/DSCF	B*
						8.50LB/H	B*
				ELECT. ARC FURNACE SHOP	PM	.00% OPACITY	B*
				MATERIAL HANDLING	PM	.00GR/DSCF	B*
						.55LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.3 OTHER INTERNAL COMBUSTION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SEA WORLD, INC.	CA		N	I.C. PISTON ENGINE	CO	.23LB/MMBTU	
SEA WORLD, INC.	CA 7801		N	I.C. PISTON ENGINE	NOX	1.80LB/MMBTU SEE N*	
SEA WORLD, INC.	CA		N	I.C. PISTON ENGINE	NOX	.25LB/MMBTU	
SEBRING UTILITIES COMMIS*	FL (R)PSD-FL-071	40.00MW	N	DIESEL ENGINES	CO	.58LB/MMBTU	N*
					NOX	819.00PPMV	N*
					PM	.10LB/MMBTU	B*
					SO2	2.67LB/MMBTU	B*
					VOC	.26LB/MMBTU	N*
SHELL OIL CO.	TX (R)PSD-TX-360	27.50MMCF/D	M	I.C. ENGINES, RECIPROCATING *	NOX	10.00G/HP-H	B*
TRENTON DISTRICT ENERGY *	NJ	12000.00KW	N	DIESEL ENGINES, W/2 SUP. FIR*	NOX	1869.00T/YR	D*
					PM	71.00T/YR	
					SO2	482.00T/YR	S*

SOURCE TYPE CODE -- 4.1 SURFACE COATING - CANS/COILS

BALL METAL CONTAINER GRO*	OH 03-1025		M	EXTERIOR BASE OPERATION	VOC	.36KG/L COATING S*	N*
				INTERNAL COAT	VOC	.54LB/GAL OF COAT*	B*
EVANS COOPERAGE CO., INC.	OK T82-31		N	HAND SPRAY DRUM PAINTING	VOC	15.68LB/H	
MILLER BREWING CO.	GA 3411-035-6906-C	600.00MM CANS/YR	N	BASE COATING	VOC	1.85LB/GAL COATING*	
				END SEALING COMPOUND	VOC	3.70LB/GAL COATING*	
				INTERIOR BODY SPRAYING	VOC	3.99LB/GAL COATING*	
				OVERVARNISH	VOC	2.33LB/GAL COATING*	
NATIONAL CAN CORP.	IL C 7906091		N	COATER & OVENS	VOC	209.60T/YR	L*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
COASTAL STATES PETROLEUM (CONTINUED)							
				HEATER, FCCU FEED	CO	1.17LB/H	B*
						.02LB/MMBTU	B*
					NOX	7.80LB/H	B*
						.12LB/MMBTU	B*
				HEATER, KEROSENE HDS	CO	.29LB/H	B*
						.02LB/MMBTU	B*
					NOX	2.00LB/H	B*
						.12LB/MMBTU	B*
				HEATER, NAPTHA HDS	CO	.63LB/H	B*
						.02LB/MMBTU	B*
					NOX	4.20LB/H	B*
						.12LB/MMBTU	B*
				HEATER, REFORMER	CO	2.22LB/H	B*
						.02LB/MMBTU	B*
					NOX	14.80LB/H	B*
						.12LB/MMBTU	B*
				HEATER, TAIL GAS UNIT	CO	.11LB/H	B*
						.02LB/MMBTU	B*
					NOX	.80LB/H	B*
						.12LB/MMBTU	B*
				HEATER, VACUUM CHARGE	CO	.92LB/H	B*
						.02LB/MMBTU	B*
					NOX	5.40LB/H	B*
						.12LB/MMBTU	B*
				INCIN.	CO	.30LB/H	B*
						.02LB/MMBTU	B*
					NOX	2.30LB/H	B*
						.15LB/MMBTU	B*
				REBOILER, CRUDE UNIT	CO	.99LB/H	B*
						.02LB/MMBTU	B*
					NOX	6.60LB/H	B*
						.12LB/MMBTU	B*
				REBOILER, DESIEL HDS	CO	.18LB/H	B*
						.02LB/MMBTU	B*
					NOX	1.20LB/H	B*
						.12LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.01LB/MMBTU GAS .07LB/MMBTU OIL	
					SO2	.03LB/MMBTU GAS .80LB/MMBTU OIL	
					VOC	.00LB/MMBTU GAS .01LB/MMBTU OIL	
				TURBINE, 2	CO	.02LB/MMBTU GAS .03LB/MMBTU OIL	
					NOX	.14LB/MMBTU GAS .40LB/MMBTU OIL	
					PM	.01LB/MMBTU GAS .07LB/MMBTU OIL	
					SO2	.03LB/MMBTU GAS .80LB/MMBTU OIL	
					VOC	.00LB/MMBTU GAS .01LB/MMBTU OIL	
PROCESS REFIN. CO.	CA SJ-78-27	10000.00BBL/D	M	BOILER, 2 EA	NOX	.27LB/MMBTU	
				CRUDE HEATER	NOX	.27LB/MMBTU	
				VACUUM HEATER	NOX	.27LB/MMBTU	
PROVIDENT ENERGY CO.	AZ (R)AZP79-02	50.00MBPSD	N	BOILER AND HEATER	NOX	.43LB/MMBTU 2H AV	
				CLAUS SULFUR RECOVERY UNIT			
				FCC UNIT & CATALYIST REGEN.			
					PM	1.00LB/MLB COKE BU*	
SABER REFIN.	TX (R)PSD-TX-324	100.00MBPSD	M	FURNACES, 5	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.01LB/MMBTU	N*
				HEATERS, 5	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.01LB/MMBTU	N*
				HEAVY OIL CRACKING UNIT	CO	176.00PPM	N*
					NOX	203.00LB/H	B*
					PM	5.60LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	.25T/YR	B*
					VOC	53.00T/YR	B*
AMOCO PRODUCTION CO.	ND	SEE NOTE	N	INCINERATOR STACK			
CHAMPLIN PETROLEUM CO.	TX TX-206	260.00MMCF/D	M	I. C. ENGINE	NOX	19.20LB/H	B*
						24.00LB/MHP-H	B*
				I. C. ENGINE, 2	NOX	25.20LB/H EA	B*
						24.00LB/MHP-H	B*
				I. C. ENGINE, 2	NOX	16.40LB/H	B*
						24.00LB/MHP-H	B*
CRYSTAL EXPLORATION CO.,*	MI 238-80E	3.09MMCF/D	N	SWEETENING FACILITY			
DELHI GAS PIPELINE CORP.	TX 8628	60.00MMCF/D	N	GAS PROCESSING PLANT - GAS	H2S	1.30T/YR	
						10.00PPM	
				GAS PROCESSING PLANT - SULFUR	SO2	92.90T/YR	
						400.00PPM	
ENDERCO	AR PSD-704-A	11.50MMCF/D	M	AMINE SWEETENING CLAUS	SO2	155.00LB/H	B*
EXXON CO., U.S.A.	TX (R)PSD-TX-362	24.00MMCF/D N.*	N	DIETHENOLAMINE (DEA) REGEN.	SO2	.00LB/MMBTU	
				FLARE	SO2	129.35LB/H	
				GLYCOL RECONCENTRATOR	SO2	.00LB/MMBTU	
LIQUID ENERGY CORP.	NM NM-389	60.00MMCF/D	N	ENGINE, I.C. COMPRESSOR	NOX	3.40G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	3.40G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	3.40G/HP-H	
MAPCO PRODUCTION CO.	NM PSD-NM-576		M	ACID GAS FLARE	SO2	703.00LB/H	
				ENGINE, I.C. COMPRESSOR	NOX	9.00G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	9.00G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	9.00G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	9.00G/HP-H	
PHILADELPHIA GAS WORKS	PA 78PA03		M	BOILERS	NOX	74.00LB/H	B*
					PM	5.40LB/H	B*

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SOURCE TYPE CODE 5.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.24 ETHYLENE AND POLYETHYLENE — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
GULF OIL CHEMICALS	TX (R)PSD-TX-299	6/0.00MMLB/YR	N	BLOW TANK FILTERS, 2 EA			
				BOILERS, 4 EA	NOX	.30LB/MMBTU OIL	B*
						.12LB/MMBTU GAS	B*
					PM	.02LB/MMBTU OIL	B*
						.01LB/MMBTU GAS	B*
					SO2	.75LB/MMBTU OIL	B*
				CATALYTIC ACTIVATOR FILTERS,*			
				CATALYTIC ACTIVATORS, 2 EA	NOX	.12LB/MMBTU	B*
					PM	.10LB/H	B*
				CATALYTIC FILTERS, 2 EA			
				CATALYTIC INCINERATOR	NOX	15.00LB/H	B*
				FLARE, 10 EA	NOX	2.30LB/H	B*
					PM	.10LB/H	B*
				PREHEATERS, 2 EA	NOX	.10LB/H	B*
				STORAGE SILOS			
TEXAS EASTMAN CO.	TX TX-332		M	BOILERS, 2	CO	4.60LB/H TAR	B*
						3.20LB/H N. GAS	B*
					NOX	42.00LB/H TAR	B*
						22.80LB/H N. GAS	B*
					PM	14.00LB/H TAR	B*
						1.00LB/H N. GAS	B*
					SO2	12.00LB/H TAR	B*
						1.00LB/H N. GAS	B*
				PELLET STORAGE & HANDLING	PM	1.10LB/H	B*
				PROCESS HEATER	CO	.20LB/H	B*
					NOX	1.20LB/H	B*
					PM	1.00LB/H	B*
					SO2	.01LB/H	B*
				PYROLYSIS FURNACE	CO	1.70LB/H	B*
				PYROLYSIS FURNACE	CO	1.70LB/H	B*
				PYROLYSIS FURNACE	NOX	10.00LB/H	B*
				PYROLYSIS FURNACE	NOX	10.00LB/H	B*
				PYROLYSIS FURNACE	PM	1.00LB/H	B*
				PYROLYSIS FURNACE	PM	1.00LB/H	B*
				PYROLYSIS FURNACE	SO2	.10LB/H	B*
				PYROLYSIS FURNACE	SO2	.10LB/H	B*

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SOURCE TYPE CODE 6.24

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ICI AMERICAS, INC.	(CONTINUED)						
				SILT/SCRAP CONVEYOR	PM	.00LB/H	
				SLITTER	PM	.00LB/H	
				STENTER CONVEYOR			
				VIRGIN CHIP BUNKER	PM	.00LB/H	
				VIRGIN CHIP HOPPER	PM	.00LB/H	
MALLINCKRODT, INC	MO		M	COAL FIRED BOILER	NOX	.60LB/MMBTU	
						.30LB/MMBTU FUEL *	
					NOX	.20LB/MMBTU GAS	
					SO2	2.00LB/MMBTU 300 R*	
						2.85LB/MMBTU MAX/D*	
					SO2	1.20LB/MMBTU MAX/D*	
						1.20LB/MMBTU FUEL *	
					SO2	.01LB/MMBTU GAS	
MALLINCKRODT, INC.	NC 5126	60.00MMBTU/H	M	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					SO2	1.50LB/MMBTU	
MERCK & CO., KEKO DIVISI*	CA NSR-4-4-10 SD-*		M	DUCT BURNERS, 3	NOX	3.10LB/H PER BURNER	B*
						.10LB/MMBTU	B*
				TURBINE, 3	NOX	20.00LB/H PER TURBI*	B*
						.24LB/MMBTU	B*
MEREDITH/BURDA, INC.	NC NC-064	6200.00BTU/LB	N	BOILER	PM	4.00LB/H	B*
				CHROME CYLINDER	CH*	.00LB/H	B*
MOLY CORP., INC.	PA 79PA22	84.70T/D	N	ROASTER	PM	5.10LB/H	B*
					SO2	75.00LB/H	B*
MONSANTO CO.	TX PSD-TX-307		M	FLARE STACK			
				INCIN., MHA SCRUBBER STACK	SO2	11.35LB/H	
M&T CHEMICALS, INC.	KY PSD-KY-127	1000.00LB/H 2 EA	M	REACTOR, TIN TETRACHLORIDE	PM	50.00T/YR	N*
PLAINS ELECT. GEN & TRANS	NM (R)PSD-NM-418	729.40MMBTU/H	M	TURBINE GEN, NAT. GAS-FIRED	NOX	270.00LB/H	B*
						.37LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.5 IRON & STEEL PRODUCTION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CAMERON IRON WORKS	TX TX-233		M	VAC. ARC DEGREASING/VAC. 02 *	CO	8.00LB/H VAD	B*
						700.00LB/H VOC	B*
CHAPANAL STEEL CO.	TX PSD-TX-138	800000.00T/YR	M	AUTO SHREDDING SECOND. & TER*	PM	13.00LB/H	
				AUTO SHREDER PRIMARY COLLECT*	PM	10.00LB/H	
				BILLET HEAT FURNACES, 2	CO	4.80LB/H EA	
					PM	1.90LB/H EA	
				ELECT. ARC FURNACES, 2	CO	855.00LB/H EA	
					PM	15.60LB/H EA	N*
				MELT SHOP ROOF MONITORS, 2	CO	45.00LB/H EA	
					PM	26.40LB/H EA	
FLORIDA STEEL CORP.	FL PSD-FL-074	71.00T/H	M	BAGHOUSE EFFLUENT FURNACE	VE	3.00% OPACITY	
					CO	58.50LB/H	
					NOX	1.10LB/H	
					PM	.01GR/DSCF	
					SO2	20.00LB/H	
				SHOP ROOF-CHARGING CYCLE	VE	20.00% OPACITY	
				SHOP ROOF-TAPPING CYCLE	VE	40.00% OPACITY	
FLORIDA STEEL CORP.	TN	200000.00LB/H	N	DIRECT ARC MELTING FURNACE &*	CO	1343.70LB/H	B*
					PM	.01GR/SCF	B*
				REHEAT FURNACE	PM	16.00LB/H	B*
					SO2	193.60LB/H	B*
KENTUCKY ELECTRIC STEEL *	KY C8076		M	FURNACE A	PM	1.65LB/H	
						24.30T/YR	
				FURNACE B	PM	1.65LB/H	
						24.30T/YR	
LUFKIN INDUSTRIES, INC.	TX (R)PSD-TX-379	50.00T/H IRON	M	CUPOLA	CO	9.00LB/T IRON	B*
ROANOKE ELECT. STEEL CO.	VA 78VA06	40.00T/H	M	FURNACE, ELECT. ARC, UNIT #4	PM	.01GR/SCF	N*
STD SLAG CO., REPUB. STE*	OH 13-1005		M	SLAG COOLING	H2S	.22LB/T SLAG	
					PM	.50LB/T SLAG	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.1 SURFACE COATING - CANS/COILS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PREFINISH METALS	OH 03-746		N	2 COIL COATERS & OVENS	VOC 37.00LB/H	
STROH CONTAINER	OH 03-807		N	BASE, BOTTOM, AND INTERNAL C*	VOC 40.00T/YR	
SOURCE TYPE CODE -- 4.2 SURFACE COATING - PAPERS/FABRICS						
ALLIED PRINTERS & PUBLIS*	OK T80-74		M	WEB OFFSET PRINTING PRESS	VOC .71LB/H	
AVERY INTERNAT	OH 0243110957		N	VINYL AND PAPER COATING LINE	VOC 2.60LB/GAL COAT. A*	L*
					132.80T/YR	L*
DIETZGEN CORP.	IL C8006034		N	ROLLER COATER LINE	VOC .60LB/GAL COATING	L*
FRYE COPY SYS, INC	IN PC(20)1480	240.00LB/H	N	PAPER COATING LINE	VOC 25.00T/YR	
INTERNAT. LABEL MFG. FAC.	TN PSD-TN-060		N	BOILERS, NAT. GAS, 3 EA PAPER PRINTING	SO2 152.88T/YR	B*
					VOC 46.94T/YR	L*
ITEN FIBRE CO.	OH 0204010112		N	RESIN COATING LINE	VOC 2.90LB/GAL COAT. A*	L*
					516.00T/YR	L*
MURRAY RUBBER, (HEAD COM*	TX 9040	450.00LB/H	N	FABRIC COATER	VOC 27.00LB/H	
NDH CORP.	OH 0857101457 K001		N	PAPER COATING	VOC 19.00LB/H	
					11.40T/YR	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				REBOILER, GAS OIL HDS	CO	.65LB/H	B*
						.02LB/MMBTU	B*
					NOX	4.30LB/H	B*
						.12LB/MMBTU	B*
				REBOILER, ISOSTRIPPER	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
					NOX	10.70LB/H	B*
						.12LB/MMBTU	B*
				REBOILER, KEROSENE HDS	CO	.23LB/H	B*
						.02LB/MMBTU	B*
					NOX	1.50LB/H	B*
						.12LB/MMBTU	B*
				REGENERATOR, FCCU	CO	103.90LB/H	B*
					NOX	160.00LB/H	B*
CONOCO, INC.	LA (R)PSD-LA-419	12000.00BPSD	M	HEATER, HDS CHARGE	NOX	.12LB/MMBTU	B*
				HEATER, INTERPASS	NOX	.12LB/MMBTU	B*
				HEATER, INTERPASS	NOX	.12LB/MMBTU	B*
				HEATER, REFORMER CHARGE	NOX	.12LB/MMBTU	B*
				REBOILER, DEPROPANIZER	NOX	.12LB/MMBTU	B*
				REBOILER, HDS STRIPPER	NOX	.12LB/MMBTU	B*
CONOCO, INC.	LA (R)PSD-LA-390	100000.00BBL/D	M	COKER HEATERS, 2 DELAYED REG.	NOX	.12LB/MMBTU	B*
				HEATER, CRACKED DISTIL HYDRO*	NOX	.12LB/MMBTU	B*
				HEATER, HEAVY VACUUM GAS OIL*	NOX	.12LB/MMBTU	B*
				INCIN., SULFUR RECOVERY PLANT	NOX	.12LB/MMBTU	B*
CRA,INC.	KS	48000.00BBL/D	M	HEATER, UNIT 40 (RETROFIT)	NOX	.13LB/MMBTU	B*
				HEATER, UNIT 41 (BUILT, BUT *	NOX	.15LB/MMBTU	B*
				HEATER, UNIT 42 (RELOCATE)	NOX	.16LB/MMBTU	B*
				HEATER, UNIT 43 (RELOCATE)	NOX	.13LB/MMBTU	B*
				HEATER, UNIT 44 (NEW)	NOX	.13LB/MMBTU	B*
				HEATER, UNIT 45 (NEW)	NOX	.13LB/MMBTU	B*
DIAMOND SHAMROCK CORP.	TX TX-346	60000.00BBL/D	M	FCCU REGEN STACK, 2	CO	195.00LB/H	B*
					NOX	24.40LB/H	B*
					PM	22.70LB/H	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				REBOILERS, 2	SO2	178.00PPM	N*
					CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
				REFORMERS, 2	SO2	.01LB/MMBTU	N*
					CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
SIGMORE REFIN. CO.	TX (R)PSD-TX-331	47.00MBPSD	M	BOILERS	SO2	.01LB/MMBTU	N*
					CO	9.68LB/H	B*
					NOX	113.04LB/H	B*
					PM	11.36LB/H	B*
				FCCU REGENERATOR	SO2	132.72LB/H	B*
					CO	90.12LB/H	B*
					NOX	37.01LB/H	B*
					PM	12.00LB/H	N*
				HEATER, #1 CRUDE	SO2	205.42LB/H	B*
					CO	2.13LB/H	B*
					NOX	9.34LB/H	B*
					PM	2.75LB/H	B*
				HEATER, #2 CRUDE UNIT	SO2	22.16LB/H	B*
					CO	.31LB/H	B*
					NOX	4.16LB/H	B*
					PM	.27LB/H	B*
				HEATER, CRUDE CHARGE	SO2	.01LB/H	B*
					CO	4.42LB/H	B*
					NOX	87.84LB/H	B*
					PM	8.63LB/H	B*
				HEATER, GAS OIL HDS CHARGE	SO2	103.14LB/H	B*
					CO	1.70LB/H	B*
					NOX	11.98LB/H	B*
					PM	.50LB/H	B*
				HEATER, LUBE CRUDE	SO2	2.68LB/H	B*
					CO	.18LB/H	B*
					NOX	2.48LB/H	B*
					PM	.06LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				STORAGE TANKS	SO2	75.00LB/H	B*
					VOC	91.00T/YR	B*
PHILLIPS PETROLEUM CO.	ND	30.00MMCF/D	N	INCINERATOR STACK	SO2	93.30LB/H	B*
PHILLIPS PETROLEUM CO.	NM (R)PSD-NM-389		M	ENGINE, I.C. COMPRESSOR, 2 EA	NOX	11.00G/HP-H	B*
PHILLIPS PETROLEUM CO.	TX (R)PSD-TX-314		M	I.C. COMPRESSOR ENGINES	NOX	12.40G/HP-H	B*
				TURBINE COMPRESSOR ENGINES	NOX	1.80G/HP-H	B*
PROCESS EQUIPMENT CORP.	MI 813-81		N	SOUR GAS SWEETENER	SO2	81.10LB/MMSCF	
REPUBLIC REFINING CO.	MS (R)PSD-MS-037	39.00MMBTU/H	N	NAT. GAS PROCESSING-SULFUR R*	SO2	.00LB/H EA	B*
SID RICHARDSON CARBON & *	TX 2724	117.00MMSCFD	M	NATURAL GAS TREATING PLANT	SO2	616.00T/YR	
WARREN PETROLEUM CO.	ND	24.00MMCF/D	M	INCINERATOR STACK	SO2	534.00LB/H	B*
WARREN PETROLEUM CO.	NM (R)PSD-NM-156*	10.00MMCF/D	M	ACID GAS FLARE	SO2	703.00LB/H .00LB/SCF	

SOURCE TYPE CODE -- 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING

B.A. CHILDS	UT MIN 083182-5T	130.00T/YR	N	DRUM DRYER	PM	.02GR/DSCF 1.49LB/H	
					VE	20.00% OPACITY	
KERNRIDGE OIL CO.	CA (R)SJ-79-26		M	OIL WELL VENTS - EXISTING OIL WELL VENTS - NEW STEAM GEN., 11 EA	NOX	.20LB/MMBTU	B*
					PM	.06LB/MMBTU	L*
					PM	.01LB/MMBTU	L*
					SO2	.07LB/MMBTU	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.24 ETHYLENE AND POLYETHYLENE

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				PYROLYSIS FURNACES, 4	CO	3.00LB/H EA	B*
					NOX	17.00LB/H	B*
					PM	1.00LB/H EA	B*
					SO2	.20LB/H	B*
TEX-USS	TX (R)PSD-TX-336	270.00MT/YR	M	STEAM BOILER	NOX	.11LB/MMBTU	B*
				STEAM BOILER	NOX	.11LB/MMBTU	B*
SOURCE TYPE CODE -- 6.27 ETHYLBENZENE/STYRENE							
AMERICAN HOECHST	TX 5252	900.00MMLB/YR	N	BOILERS, 4 & HEATERS, 6	NOX	569.00T/YR	A*
						.18LB/MMBTU	A*
					PM	15.00T/YR	
					SO2	1.10T/YR	
				PROCESS VENTS			
				TANKS, 10	VOC	16.00T/YR	A*
SOURCE TYPE CODE -- 6.62 OTHER CHEMICAL							
CONOCO CHEMICAL CO.	TX X-3826	18000.00BBL	N	STORAGE TANKS, 2	BE*	1.30T/YR	A*
SOURCE TYPE CODE -- 6.32 FORMALDEHYDE							
EXXON CHEMICAL AMERICAS	TX X3753	20000.00GAL	N	WATER TREATMENT CHEMICALS MF*			

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	2.90LB/H	B*
				TURBINE GEN, OIL AS STANDBY *		.00LB/MMBTU	B*
					NOX	280.00LB/H	N*
						.39LB/MMBTU	N*
PPG INDUSTRIES	WV 79WV06	243.00MMBTU/H	M	BOILER	SO2	156.00LB/H	B*
PROCTOR CHEMICAL CO.	NC 5096					.22LB/MMBTU	B*
					NOX	.70LB/MBTU	B*
			N	ROTARY PORCUPINE DRYER	VOC	98.00% CONTROL	
PROCTOR & GAMBLE	GA GA 008					303.00T/YR	
			N	BOILER			
				FAT CONVERSION	SO2	1.00% S OIL	
SHELL CHEMICAL CO.	LA				VOC	37.00T/YR	B*
			N	ASBESTOS DUST COLLECTOR (1-7*	PM	4.50G/D	B*
				BARGE BUCKET UNLOADER	PM	466.40LB/D	B*
				BARGE TO STORAGE CONVEYOR	PM	127.60LB/D	B*
				BOILERS, 3 EA	CO	.06LB/MMBTU	B*
						38.00LB/H	B*
					NOX	.70LB/MMBTU	B*
						416.00LB/H	B*
					PM	.09LB/MMBTU	B*
						53.00LB/H	B*
					SO2	1.20LB/MMBTU	B*
				BOILER, 2 TEMPORARY		713.00LB/H	B*
					CO	.03LB/MMBTU	B*
						6.53LB/H EA	B*
					NOX	.30LB/MMBTU	B*
						59.60LB/H EA	B*
					PM	.10LB/MMBTU	B*
						19.90LB/H EA	B*
					SO2	.75LB/MMBTU	B*
				BPA RESINS, STORAGE, & SHIP.		148.90LB/H EA	B*
				BPA-4 PROCESS PRILL TOWER	PM	2.25LB/H	B*
				COAL DUMPING AT BOILERS USIN*	PM	.48LB/H	B*
						16.00LB/D	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.5 IRON & STEEL PRODUCTION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
THE TIMKEN CO.	OH 1576051246	1.10MMT/YR	N	BILLET GRINDERS, 6 EA	PM	.02GR/DSCF	
				BOILERS, 3 EA.	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
				CONTINUOUS CASTER	PM	.01GR/DSCF	
				DEGASSER-REFINER	PM	.01GR/DSCF	
				ELECT. ARC FURN	CO	.90LB/T STEEL	
					PM	.01GR/DSCF	
				HOT SCARFING	PM	.01GR/DSCF	
				LADLE DRYER	PM	.02LB/MMBTU	
				LADLE PREHEATER	NOX	.25LB/MMBTU	
				MELT SHOP BINS AND TRUCK DUMP	PM	.01GR/DSCF	
				MERCHANT MILL FURNACE	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
				REHEAT FURNACE	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
				SOAKING PITS	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
				TUBE MILL	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
				TUNDISH PREHEATER	CO	.04LB/MMBTU	
U.S. STEEL/DUQUESNE WORKS	PA 78PA18	500.00MLB/H	M	IRON DESULFURIZATION FACILITY	PM	4.80LB/H	B*
YOUNGSTOWN STEEL CORP.	OH 0250090622/02-*		N	EAF & CONTINUOUS CASTER	PM	.01GR/DSCF	N*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.3 SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
CHRYSLER CORP.	MI C-5366 THRU C-*	75.00CARS/H	M	COLOR FLASH-OFF BOOTH	VOC 25.20LB/GAL APPL. S*	L*
				COLOR SPRAY BOOTH		
				DOUBLE-WIDTH OVEN	VOC 12.90LB/GAL APPL. S*	
				TACK-OFF BOOTH		
FORD MOTOR CO.	MI 447-454/79 + 4*		N	COMPOUND MACHINES, DIRECTION*	VOC .74LB/H	L*
					VOC 9.07LB/H	L*
				ELECTROSTATIC PAINT SYS.	VOC 457.50LB/H	L*
GM WORLD WIDE TRUCK DIV	OH 08-215	60.00TRUCKS/H	N	ANTI-CORROSION	VOC 4.30LB/GAL COATING*	L*
				CHASSIS BLACK	VOC 3.50LB/GAL VOC MIN*	
				ELPO PRIME	VOC 1.20LB/GAL COATING*	L*
				FINAL REPAIR	VOC 4.80LB/GAL VOC MIN*	
				MAST JACKET	VOC 6.30LB/GAL VOC MIN*	
				PLASTISOL/ANTI-CHIP	VOC 3.50LB/GAL COATING*	L*
				PRIMER SURFACER	VOC 2.88LB/GAL COATING*	L*
					15.84LB/GAL VOC SOL*	L*
				TOP COAT	VOC 3.60LB/GAL COATING*	L*
					15.05LB/GAL VOC SOL*	L*
				WHEEL PAINT	VOC 3.70LB/GAL VOC MIN*	
VOLKSWAGEN OF AM	MI 250-80 TO 273-*		N	PAINTING OPERATIONS		

SOURCE TYPE CODE -- 4.4 SURFACE COATING - METAL FURNITURE

STEELCASE, INC.	MI 51-80		N	BOILER, COAL FIRED, 2 EA	NOX .60LB/MMBTU	
					PM .05LB/MMBTU	
					SO2 1.60LB/MMBTU	
				COAL & ASH HANDLING SYS.	PM .03GR/DSCF	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
DIAMOND SHAMROCK CORP.	(CONTINUED)						
				PROCESS BOILER, 2	SO2	931.50LB/H	B*
					CO	6.81LB/H	B*
					NOX	130.00LB/H	B*
					PM	10.06LB/H	B*
					SO2	103.87LB/H	B*
EXXON CHEMICAL AMERICAS	TX (R)PSD-TX-302		M	HEATERS, NAT. GAS-FIRED, 3 EA	NOX	.23LB/MMBTU	B*
FRIENDSWOOD REFIN.	TX (R)PSD-TX-367	30000.00BPSD	M	BOILER	CO	.01LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.02LB/MMBTU	N*
				CO BOILER COMPLEX	CO	175.50LB/H	N*
					NOX	103.50LB/H	B*
					SO2	48.00LB/H	N*
				FCCU REGENERATOR	PM	24.00LB/H	B*
				HEATERS, 4	CO	.01LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.02LB/MMBTU	N*
				SULFUR RECOVERY UNIT	SO2	9.15LB/H	B*
GETTY OIL CO.	CA SJ-81-11	350.00MMBTU/H	M	STEAM GENERATOR, 7	NOX	.15LB/MMBTU PER G*	
GOOD HOPE REFIN., INC.	LA	350000.00BPSD	M	CRUDE HEATER	CO	4.50LB/H	B*
						.01LB/MMBTU	B*
					NOX	38.00LB/H	B*
						.12LB/MMBTU	B*
					PM	3.40LB/H	B*
						.01LB/MMBTU	B*
					SO2	6.10LB/H	N*
						.02LB/MMBTU	N*
				DEMEX HEATER	CO	.40LB/H	B*
						.01LB/MMBTU	B*
					NOX	3.00LB/H	B*
						.12LB/MMBTU	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SIGMORE REFIN. CO.	(CONTINUED)						
					SO2	.23LB/H	B*
				HEATER, NAPHTHA HDS CHARGE	CO	.63LB/H	B*
					NOX	4.46LB/H	B*
					PM	.19LB/H	B*
					SO2	1.00LB/H	B*
				HEATER, VACUUM DISTALLATION	CO	2.50LB/H	B*
					NOX	20.80LB/H	B*
					PM	1.60LB/H	B*
					SO2	19.49LB/H	B*
				HEATER, VISBREAKER CHARGE	CO	1.35LB/H	B*
				HEATER, VISBREAKER CHARGE	CO	1.35LB/H	B*
				HEATER, VISBREAKER CHARGE	NOX	26.95LB/H	B*
				HEATER, VISBREAKER CHARGE	NOX	26.95LB/H	B*
				HEATER, VISBREAKER CHARGE	PM	2.71LB/H	B*
				HEATER, VISBREAKER CHARGE	PM	2.71LB/H	B*
				HEATER, VISBREAKER CHARGE	SO2	31.64LB/H	B*
				HEATER, VISBREAKER CHARGE	SO2	31.64LB/H	B*
				HEATER, 1ST REFORMER	CO	1.03LB/H	B*
					NOX	7.29LB/H	B*
					PM	.31LB/H	B*
					SO2	1.63LB/H	B*
				HEATER, 2ND REFORMER	CO	.92LB/H	B*
					NOX	6.47LB/H	B*
					PM	.27LB/H	B*
					SO2	1.45LB/H	B*
				HEATER, 3RD REFORMER	CO	.46LB/H	B*
					NOX	3.23LB/H	B*
					PM	.14LB/H	B*
					SO2	.72LB/H	B*
				HEATER, 4TH REFORMER	CO	.23LB/H	B*
					NOX	1.62LB/H	B*
					PM	.07LB/H	B*
					SO2	.36LB/H	B*
				REBOILER, DEETHANIZER	CO	.44LB/H	B*
					NOX	3.09LB/H	B*
					PM	.13LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						1.20% S FUEL OIL	

SOURCE TYPE CODE -- 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AMINOIL USA, INC.	CA NSR-4-4-9 LA-8*		M	TURBINE & WASTE HEAT BOILER	BE	.00LB/H	
					SOX	14.00LB/H	B*
BEREY HOLDING CO.	CA (R)SJ-79-17		M	COMPRESSORS, RECIP. BOOSTER,*	VOC	10.50LB/H 3% O2	
				COMPRESSOR, ROTARY SCREW,2 EA	VOC	690.00PPM (AS CARBON)	
CHEVRON USA, INC.	CA NSR-4-4-8 SJ-7*	450.00MMBTU/H	M	BOILERS, 9	PM	3.60LB/H	L*
					SO2	18.80LB/H	B*
GEOKINETICS INC., OIL SH*	UT	426.00BBL/D		GENERATOR	NOX	38.90LB/H	B*
					VE	20.00% OPACITY	
				INCINERATOR	NOX	45.10LB/H	B*
					SO2	135.30LB/H	B*
					VE	20.00% OPACITY	
MOBIL OIL EXPLORATION	AL AL-078	225.00MMSCFD	N	DIESEL ENGINES, 4 RIGS	CO	9.40LB/H-RIG	
					NOX	71.60LB/H-RIG	
					PM	3.40LB/H-RIG	
					SO2	7.30LB/H-RIG	
				NAT. GAS SULFUR REMOVAL	SO2	200.00LB/H EA	B*
				PLATFORM GENERATORS, 5 EA., *	CO	146.00LB/H-PLATFORM	
					NOX	146.00LB/H-PLATFORM	
					SO2	1.00LB/H-PLATFORM	
				SULFUR DEPOT BOILER	NOX	.20LB/MMBTU	
					SO2	2.20LB/H	
				SUPPLEMENTAL BOILER	NOX	.20LB/MMBTU	
					SO2	1.00LB/H	
				TURBINE GENERATOR, GAS-FIRED	NOX	175.00PPM BY VOL.	
					SO2	1.00LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.32 FORMALDEHYDE

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
GEORGIA-PACIFIC CORP.	NC NC-060	64400.00LB/H INPUT	N	FORMALDEHYDE PRODUCTION	CO	10.00LB/H	B*
					VOC	10.00LB/H	B*
INTERNAT. MINERALS & CHE*	PA (R)79PA10	150.00MMLB/YR	M	FORMALDEHYDE PLANT	CO	2.03LB/H	B*
					VOC	10.10LB/H	B*
				STORAGE TANK (FORMALDEHYDE)	VOC	.04LB/H	B*
				STORAGE TANK (METHANOL)	VOC	.10LB/H	B*

SOURCE TYPE CODE -- 6.36 MALEIC ANHYDRIDE

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
MONSANTO CO.	FL FL-055	133.00MMLB/YR	M	MALEIC ANYHYDRIDE PRODUCTION	CO	670.00LB/H	B*
					VOC	700.00LB/H	B*

SOURCE TYPE CODE -- 6.37 METHANOL

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
DOW CORNING CORP.	KY C-82-73		M	GRINDING, SCREENING, CONVEYI*	PM	22.00T/YR	
					VOC	60.00T/YR	
				PILOT PLANT, CHLOROSILANE	VOC	4.00T/YR	
GETTY METHANOL CORP.	DE 80DE01	100.00MMGAL/YR	N	STORAGE TANKS, METHANOL TUBLULAR REFORMER	NOX	.13LB/MMBTU	B*

SOURCE TYPE CODE -- 6.42 PAINT & VARNISH

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SUN CHEMICAL CORP.	MI 351-82	3.00MMLB/YR	N	AZO RED PIGMENT MANUFACTURIN*	BE*	.33UG/CU. METER	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SHELL CHEMICAL CO.	(CONTINUED)						
				COAL PILE RECLAIM CONVEYOR	PM	3.60LB/D	B*
				COAL PILE WIND EROSSION	PM	.23T/YR	B*
				ORGANIC CHLORIDE INCIN.	CO	3.20LB/H	B*
					NOX	27.80LB/H	B*
					PM	.02GR/DSCF	B*
						2.00LB/H	B*
					SO2	.00LB/MMBTU	
				PROCESS HEATERS, 3 EA	CO	.04LB/MMBTU	B*
						2.50LB/H EA	B*
					NOX	.54LB/MMBTU	B*
						35.10LB/H EA	B*
					PM	.03LB/MMBTU	B*
						1.63LB/H EA	B*
					SO2	.87LB/MMBTU	B*
				SLUDGE INCIN.		56.70LB/H EA	B*
					CO	.83LB/H	B*
					NOX	8.20LB/H	B*
					PM	.00GR/DSCF	B*
						.06LB/H	B*
					SO2	.88LB/MMBTU	B*
SMITH KLINE CORP.	PA 79PA15	600.00MET. T/YR	N	GRINDER		8.75LB/H	B*
				2 BOILERS, EA	VE	20.00% OPACITY	B*
					SO2	.20% BY WT #2 OIL	B*
				2 INCINERATORS, EA		1.68MMGALS/YR OIL	B*
					PM	2.00LB/H	B*
					SO2	3.00LB/H	B*
TENNESSEE EASTMAN CO.	TN TN 065		M	BOILER-COAL FIRED	PM	14.00LB/H	B*
					SO2	936.00LB/H	B*
				COAL GASIFICATION-FUGITIVE	PM	.00GR/SCF	B*
TENNESSEE EASTMAN CO.	TN		M	FLARES	CO	.00LB/H	B*
					VOC	.00LB/H	L*
UNION CARBIDE	GA GA 069		M	BOILERS	SO2	418.00T/YR	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.5 IRON & STEEL PRODUCTION — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ALUMINUM CO. OF AMERICA	OH P104	10500.00T HYDRAUL*	N	HYDRAULIC PRESSES	PM	1.20LB/H .00GR/DSCF	
BARNET OF KENTUCKY, INC.	KY C-83-039		M	DROSS FURNACES, 4	PM	30.00LB/H 86.00T/YR	
CONSOLIDATED ALUMINUM CO*	TN	44000.00LB/H	N	COIL COATING LINE	VOC	.60LB/GAL COATING	L*
				COLD MILL	VOC	19.70LB/H	L*
				DELACQUERING KILN & ELECT. F*	PM	.02GR/SCF	B*
GMC, CENTRAL FOUNDRY DIV	IN PC(47)1486		N	ELECT. INDUCTION AL. MELTING*	PM	13.00T/YR	
				SAND BLAST SYS.	PM	16.00T/YR	
GREATER TENNESSEE METALS*	TN	15000.00LB/FURNACE	N	ROTARY FURNACE, 2	PM	4.40LB/H EA	B*
					SO2	3.10LB/H	B*
KAISER ALUMINUM & CHEMIC*	IN PC (47) 1481		N	DELACQERING DRYER OXIDE DRYER	PM	7.00LB/H	
				ROTARY FURNACE SALT DRYER	PM	.80LB/H	
				SHREDDING OPERATION	PM	2.97LB/H	
MARTIN MARIETTA OF KENTU*	KY C-77-71	150000.00LB/H CAST*	M	AL SCRAP RECYCLING SCHREDDER	PM	9.64LB/H .64LB/T SCRAP	
				DROSS COOLING	PM	1.20LB/H .71LB/T DROSS	
				HOLDING FURNACES, 6	NOX	16.90LB/H	
					PM	11.74LB/H	
					SO2	54.30LB/H	
				INDUCTION FURNACES, 6	PM	7.14LB/H	
				MELT & HOLD FURNACES, 3	PM	79.23LB/H 44.30T/YR	
				PAINT LINES, 2	VOC	125.93LB/H 205.70T/YR	
				REVERB	NOX	3.10LB/H	
					PM	2.33LB/H	

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SOURCE TYPE CODE 8.8

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.5 SURFACE COATING - MAGNET WIRE

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PHELPS DODGE, MAGNET WIR*	KY C-75-16		M	OVENS, FINE WIRE, 10	VOC	4.55LB/H 19.11T/YR	
				OVENS, 1 HEAVY & 1 MEDIAN WI*	VOC	13.96LB/H 58.60T/YR	
				OVENS, 4	VOC	40.80LB/H 675.49T/YR	
				OVENS, 6 HEAVY & 1 FINE WIRE	VOC	31.30LB/H 85.90T/YR	B* B*
				OVEN, 1 FINE WIRE	VOC	.46LB/H 1.91T/YR	
SOURCE TYPE CODE -- 4.6 SURFACE COATING - LARGE APPLIANCES							
SANYO E&E CORP.	CA 07037		M	COATING LINE	VOC	275.00G/LITER OF COA*	B*
SOURCE TYPE CODE -- 4.7 SURFACE COATING - MISC. METAL PARTS/PRODUCTS							
MARK IND.	TX X3697		N	SPRAY BOOTHS, 2	VOC	7.64T/YR	
SOURCE TYPE CODE -- 4.9 SOLVENT DEGREASING							
BRIGGS & STRATTON CORP.	WI MAN-10-GEB-81-*		N	DEGREASERS			

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.30LB/H	B*
						.01LB/MMBTU	B*
					SO2	.50LB/H	N*
						.02LB/MMBTU	N*
				FCCU FURNACE	CO	.60LB/H	B*
						.01LB/MMBTU	B*
				FCCU FURNACE	CO	.60LB/H	B*
						.01LB/MMBTU	B*
				FCCU FURNACE	NOX	5.40LB/H	B*
						.12LB/MMBTU	B*
				FCCU FURNACE	NOX	4.70LB/H	B*
						.12LB/MMBTU	B*
				FCCU FURNACE	PM	.50LB/H	B*
						.01LB/MMBTU	B*
				FCCU FURNACE	PM	.40LB/H	B*
						.01LB/MMBTU	B*
				FCCU FURNACE	SO2	.90LB/H	N*
						.02LB/MMBTU	N*
				FCCU FURNACE	SO2	.70LB/H	N*
						.02LB/MMBTU	N*
				FCCU REGENERATOR	CO	138.60LB/H	N*
					NOX	242.60LB/H	B*
					PM	64.90LB/H	N*
					SO2	761.70LB/H	B*
				REFORMER STABILIZER	CO	.40LB/H	B*
						.01LB/MMBTU	B*
					NOX	3.10LB/H	B*
						.12LB/MMBTU	B*
					PM	.30LB/H	B*
						.01LB/MMBTU	B*
					SO2	.50LB/H	N*
						.02LB/MMBTU	N*
				STRIPPER REBOILER	CO	.40LB/H	B*
						.01LB/MMBTU	B*
					NOX	3.10LB/H	B*
						.12LB/MMBTU	B*
					PM	.30LB/H	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				REBOILER, ISOSTRIPPER	SO2	.69LB/H	B*
					CO	1.65LB/H	B*
					NOX	32.87LB/H	B*
					PM	3.31LB/H	B*
				REBOILER, KEROSENE HDS STRIP*	SO2	38.60LB/H	B*
					CO	.24LB/H	B*
					NOX	1.67LB/H	B*
					PM	.07LB/H	B*
				REBOILER, NAPHTHA SPLITTER	SO2	.37LB/H	B*
					CO	.47LB/H	B*
					NOX	3.34LB/H	B*
					PM	.14LB/H	B*
				REBOILER, NAPHTHA STABILIZER	SO2	.75LB/H	B*
					CO	.66LB/H	B*
					NOX	13.14LB/H	B*
					PM	1.32LB/H	B*
				REBOILER, REFORMER STABILIZER	SO2	15.42LB/H	B*
					CO	.28LB/H	B*
					NOX	2.01LB/H	B*
					PM	.08LB/H	B*
					SO2	.45LB/H	B*
SOUTHERN UNION REFIN.	NM NM-350	31500.00BPSD	M	HEATER, 13 EA	NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU GAS	B*
					SO2	.03LB/MMBTU	B*
				SULFUR RECOVERY UNIT	SO2	.84LB/H	B*
STANDARD OIL	OH 03-1138		N	HEATER A	CO	.02LB/MMBTU	
					NO2	.15LB/MMBTU	
					PM	.01LB/MMBTU	
					SO2	.02LB/MMBTU	
				HEATER B	CO	.02LB/MMBTU	
					NO2	.15LB/MMBTU	
					PM	.01LB/MMBTU	
					SO2	.02LB/MMBTU	
				HEATER C	CO	.02LB/MMBTU	
					NO2	.15LB/MMBTU	

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
OXY-LOGAN WASH MODIF.1980 CO		1.00MBBL/D	M	BOILER, ETC	CO	2.00LB/H	B*
					NOX	52.00LB/H	B*
					PM	7.00LB/H	B*
					SO2	31.00LB/H	
					VOC	3.00LB/H	B*
				RETORT	CO	3640.00LB/H	B*
					HS	376.00LB/H	B*
					VOC	154.00LB/H	B*
PARAHO DEVELOPMENT CORP. UT			N	BLASTING			
				BOLTING, SCALING, HANDLING, *			
				CRUDE SHALE OIL STORAGE TANK*			
				CRUSHING	PM	.02GR/DSCF	
				HYDROGEN PLANT REFORMER FURN*	CO	17.00LB/MMCF	
					CO	.02LB/MMBTU	
					NOX	161.00LB/MMCF	
					NOX	.16LB/MMBTU	
					PM	15.00LB/MMCF	
					PM	.02LB/MMBTU	
					SO2	.60LB/MMCF	
					SO2	9.83LB/H	
					VOC	3.00LB/MMCF	
					VOC	.00LB/MMBTU	
				HYDROTREATER FEED FURNACE	CO	17.00LB/MMCF	
					NOX	161.00LB/MMCF	
					PM	15.00LB/MMCF	
					SO2	.60LB/MMCF	
					VOC	3.00LB/MMCF	
				IN MINE TRANSFER	PM	.02GR/DSCF	
				MATERIAL HANDLING	PM	.01GR/DSCF	
					PM	.01GR/DSCF	
					PM	.02GR/DSCF	
				MINE MOBILE EQUIPMENT	CO	4.50	
					NOX	385.20	
					PM	11.00LB/MMGAL	
					SO2	31.20	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.42 PAINT & VARNISH

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 6.43 PHARMACEUTICAL							
ELI LILLY	IN EPA-5-A-81-7		N	COAL FIRED BOILER	NOX	.60LB/MMBTU 323.00T/YR	
					PM	.09LB/MMBTU 49.60T/YR	
					SO2	1.60LB/MMBTU 3 H AV	
MEAD JOHNSON & CO.	IN PC(65) 1507		N	BOILERS, COAL-FIRED, 2 EA	NOX	.65LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	2.10LB/MMBTU	
SOURCE TYPE CODE -- 6.45 PHTHALIC ANHYDRIDE							
ASHLAND CHEMICAL CO.	WV 78WV02	80.00MMLB/YR	M	HEATER INCINERATOR	SO2	16.00LB/H	B*
					CO	86.70LB/H	B*
					VOC	49.30LB/H	B*
SOURCE TYPE CODE -- 6.52 SULFUR RECOVERY							
AMOCO PRODUCTION CO.	TX 7725	25.00T/D SULFUR	N	SULFUR RECOV. ON NAT. GAS ST*	SO2	270.00T/YR	
SPONGE, INC.	OH 13-958		N	H2S CONVERTER, SETTLING TANK*	H2S	.02LB/H .26GR/100 CF	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
UNIROYAL CHEMICAL, DIV. *	LA LA-250		M	INCIN., WASTE	NOX	4588.80LB/D	B*
					PM	28.80LB/D	B*
					SO2	23.40LB/3 H	B*
U.S. BORAX & CHEMICAL CO*	CA SE-82-02	45.00MW	M	GAS TURBINE	CO	72.00LB/H	B*
					NOX	230.00LB/H	B*
					PB	.01LB/H	B*
					PM	18.00LB/H	B*
					SO2	219.00LB/H	
					VOC	.50LB/H	B*
VELSICOL CHEMICAL CO.	TN 30-38C		M	ACID PLANT			
				BENZOTRICHLORIDE SYNTHESIS	BE*	.45LB/H	B*
				BENZYL CHLORIDE SYNTHESIS	BE*	.45LB/H	B*
					VO*	6.85LB/H	B*
				EXPANSION PLANT	BE*	1.80LB/H	B*
3M CO., CHEMOLITE	MN 23A-81-I-49		N	ABRASIVE MINERAL PROCESS	NOX	88.00T/YR MAX	B*

SOURCE TYPE CODE -- 7.3 FEED/GRAIN MILLS AND ELEVATORS

ALLEN PRODUCTS CO., INC.	PA 79PA13		M	GRAIN UNLOAD STATION	PM	1.00LB/H	B*
				GRINDING & BLENDING STATION	PM	.50LB/H	B*
BROOKPORT BARGE POINT,INC	IL C8008003	2.00MMBU/YR	N	CLEANING	PM	2.10LB/H	
				DRYING	PM	.84LB/H	
				HANDLING	PM	5.25LB/H	
				LOAD-OUT	PM	10.50LB/H	
				RECEIVING	PM	35.00LB/H	
BUNGE CORP.	MN 393A-81-I-6	30.00MMBU/YR	M	BARGE LOADOUT CONVEYOR & LOA*	PM	31.00T/YR	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.8 SECONDARY ALUMINUM — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	10.10LB/H	
				REVERBS, 3	PM	79.23LB/H	
					SO2	96.90LB/H	
				ROLLING MILL	PM	1.97LB/H	
						6.40T/YR	
METAL RESOURCES, INC.	TN		N	CRUSHING, SCREENING, & BALL *	PM	4.10LB/H	B*
				ROTARY FURNACES, 4	PM	4.60LB/H	B*
					SO2	21.30LB/H	
WILMER PROCESSING DIV.	WI NAA-04-80-54-0*		N	ROTORY FURNACES	PM	1.00LB/H	L*
				VIBRATING SCREEN	PM	1.00LB/H	L*

SOURCE TYPE CODE -- 8.11 GRAY IRON FOUNDARIES

BRILLION IRON WORKS	WI ATT-04-80-08-0*		N	BONDING ADDING SYS.	PM	.01GR/SCF	
				POURING AREA EXHAUST	PM	.01LB/11LB GAS	
				SAND HANDLING	PM	.02GR/SCF	
				WET COLLECTOR EXHAUST	PM	.02GR/SCF	
CYCLONE IRON FOUNDRIES	TX 8340	3.00T/H	N	CASTING CLEANING	PM	.80LB/H	
				INDUCTION FURNACE	PM	.20LB/H	
				SAND SHAKEOUT	PM	6.80LB/H	
				SAND STORAGE	PM	.50LB/H	
DANA CORP.	IN PC(70)1489		N	RBC INDUCTION MELTING FURNAC*	PM	9.00T/YR	
				SAND HANDLING	PM	1.00T/YR	
LULING IRON FOUNDRY	TX PSD-TX-272	1.30T/H	N	INDUCTION FURNACE	PM	.23LB/H	
					PM	.10LB/H	
					PM	.03LB/H	
					PM	.01LB/H	
					PM	5.70LB/H	

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SOURCE TYPE CODE 8.11

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.12 GRAPHIC ARTS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
BEMIS CARPHANE FILMS	WI MAN-10-EYE-81-*		N	SARAN COATERS, 2 EA	VOC	.32KG/L	L*
						2.67LB/GAL	L*
BEMIS CO.	WI MAN-03-80-71-1*		N	EXTRUSION COATER #9	VOC	.09KG/L	L*
						1.56LB/GAL	L*
				FLEXOGRAPHIC PRINTING PRESS *	VOC	85.00% REDUCTION	L*
				LAMINATOR #16	VOC	.17KG/L	L*
						1.43LB/GAL	L*
BEMIS SPECIALTY FILMS	WI MAN-10-EYE-81-*		N	COATER #10	VOC	.03KG/L COATING	L*
						.25LB/GAL	L*
				COATER #11	VOC	.21KG/L	L*
						1.77LB/GAL	L*
				FLEXOPRESS COATER #2	VOC	18.00% VOC VOL. IN *	L*
				LAMINATOR #17	VOC	.04KG/L COATING	L*
						.33LB/GAL	L*
BROWN PRINTING	KY KY 153	102.00GAL INK/H	N	ROTOGRAVURE PRINTING PRESS	VOC	102.00GAL/H INK	L*
COLUMBUS COATED FABRICS	OH 01-415		M	INTA-ROTO HL-41 PRINTER	VOC	4.80LB/GAL VINYL	B*
						2.90LB/GAL INK	B*
CONTAINER CORP. OF AM	IN PC(18)1477	360.00T/YR	N	ROTOGRAVERE PRINT PRESS	VOC	36.00T/YR	
CPS INDUSTRIES	TN (R)PSD-TN-069	1073.30LB/H	N	CERUTTI & HELIX PRESSES, 5	VOC	128.11LB/H	L*
DIVERSIFIED PRINTING	TN PSD-TN-069	2400.00T/YR	N	PRINTING	VOC	2400.00T/YR	L*
R. J. R. ARCHER,INC.	NC 00466-0005-P	2000.00FT/MIN	M	ROTOGRAVURE PRESS	VOC	341.00LB/H	
R.R. DONNELLEY & SONS CO.	IL EPA-5-A-80-17	3368.00T/YR EA	N	ROTOGRAVURE PRESSES, 2 EA	VOC	212.00T/YR	
WORLD COLOR PRESS	IL C 80 10 0006		N	OFFSET PRESSES	VOC	251.00T/YR	
				ROTOGRAVURE PRESSES	VOC	336.00T/YR	
W.F. HALL PRINTING CO.	GA 2754-036-8480	120.00MMBTU/H	N	BOILERS, 2	PM	.10LB/MMBTU	N*
					SO2	246.00LB/H	N*

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SOURCE TYPE CODE 4.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.01LB/MMBTU	B*
					SO2	.50LB/H	N*
				SULFUR PLANT INCIN.		.02LB/MMBTU	N*
				VACUUM COLUMN FURNACE	SO2	12.80LB/H	N*
					CO	3.50LB/H	B*
						.01LB/MMBTU	B*
					NOX	29.30LB/H	B*
						.12LB/MMBTU	B*
					PM	2.60LB/H	B*
						.01LB/MMBTU	B*
					SO2	4.70LB/H	N*
				VISEBREAKING FURNACE, 3 EA		.02LB/MMBTU	N*
					CO	.60LB/H	B*
						.01LB/MMBTU	B*
					NOX	4.80LB/H	B*
						.12LB/MMBTU	B*
					PM	.40LB/H	B*
						.01LB/MMBTU	B*
					SO2	.80LB/H	N*
GULF OIL CO.	TX (R)PSD-TX-214		M	HEATERS, 4 EA		.02LB/MMBTU	N*
					CO	.04LB/MMBTU	B*
					NOX	.30LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	.58LB/MMBTU	N*
				TREATING UNIT, SCOT TAIL GAS	SO2	70.40LB/H	N*
GULF OIL CO.	TX TX-342		M	CATALYTIC DEWAXING UNIT #1944	NOX	6.00LB/H	B*
						.30LB/MMBTU	B*
					SO2	11.60LB/H	N*
				DELAYED COKING UNIT		.60LB/MMBTU	N*
					NOX	13.90LB/H	B*
						.12LB/MMBTU	B*
					SO2	3.50LB/H	N*
				GULFINING UNIT #243		.02LB/MMBTU	N*
					NOX	20.00LB/H	B*
						.30LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
STANDARD OIL	(CONTINUED)						
					PM	.01LB/MMBTU	
					SO2	.02LB/MMBTU	
SUNOCO	PA 78PA10	63.00MMBTU/H	M	HEATER/BOILER	NOX	23.00LB/H	B*
					SO2	56.00LB/H	B*
TENNECO	LA PSD-LA-199		M	BOILERS, 13	CO	.02LB/MMBTU GAS	B*
						.03LB/MMBTU OIL	B*
				CO BOILER	CO	.02LB/MMBTU GAS	B*
						.03LB/MMBTU OIL	B*
				FCCU REGEN	CO	212.80LB/H	N*
				FLARES, 2	CO	1.60LB/H EA	B*
				HEATERS, 26	CO	.02LB/MMBTU GAS	B*
						.03LB/MMBTU OIL	B*
				SULFUR PLANT	CO	.04LB/MMBTU	B*
TEXACO, INC.	LA (R)PSD-LA-420	100000.00BPSD	M	ACID GAS INCIN.	CO	.93LB/MMBTU	B*
				ERG INCINERATOR	CO	.02LB/MMBTU	B*
				HEATERS, 15 EA	CO	.03LB/MMBTU	B*
TEXACO, INC.	LA (R)PSD-LA-378	140000.00BPSD	M	INCIN., 3 EA	CO	.02LB/MMBTU	B*
				MTU-CRU FLUE GAS COOLER	CO	.02LB/MMBTU	B*
				POWER RECOVERY STACK			
TEXACO, INC.	TX TX-141		M	FCCU	SO2	406.30LB/H	N*
				FLUE GAS SCRUB./SULFUR RECOV*	SO2	1.10LB/H SEE NOTE	N*
				HEATER #1407	SO2	4.50LB/H	N*
TOSCO CORP.	CA (R)SJ-78-26		M	CO BOILER	CO	45.70LB/H	L*
					NOX	41.00LB/H	B*
					SO2	.50% S FUEL	L*
UNI OIL	TX (R)PSD-TX-229	10000.00BBL/D	M	BOILER, PACKAGE	CO	.71LB/H	B*
						.01LB/MMBTU	B*
					NOX	7.94LB/H	B*
						.08LB/MMBTU	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				PACKAGE BOILER	VOC	2.80LB/MMGAL	
					CO	5.00LB/MMGAL	
					NOX	22.00LB/MMGAL	
					PM	2.00LB/MMGAL	
					SO2	.50% S CONTENT	
				POWER GENERATION FACILITY	VOC	1.00LB/MMGAL	
					CO	.02LB/MMBTU	
					NOX	.25LB/MMBTU	N*
					NOX	.20LB/MMBTU	N*
					PM	.02LB/MMBTU	
					SO2	.14LB/MMBTU	
				STORAGE PILES	VOC	.00LB/MMBTU	
				STORAGE TANKS, 4			
RIO BLANCO OIL SHALE-81	CO	2.00MBBL/D	M	HEATER			
				LURGI RETORT	NOX	1.00LB/H	B*
					NOX	127.00LB/H	B*
					PM	39.80LB/H	B*
					SO2	18.00LB/H	B*
				ORE CONV-STKPILE	PM	.40LB/H	B*
				ORE LOADOUT	PM	.08LB/H	B*
				ORE TRANSFER	PM	.40LB/H	B*
				PRIM. CRUSH/SCR	PM	.24LB/H	B*
				PROC SHALE TRANS. DISP	PM	.40LB/H	B*
				PROC SHALE TRANS.,FEED	PM	.40LB/H	B*
				PROD. GAS INC/SCRUB	NOX	24.00LB/H	
					SO2	9.70LB/H	B*
				SEC. CRUSH/SCR	PM	.32LB/H	B*
				2 BOILERS	NOX	39.60LB/H	B*
TEXAS TAR SANDS, LTD	TX 9075	50.00MMBTU/H	N	COAL & LIMESTONE STORAGE/HAN*	PM	1.30LB/H	
				STEAM GENERATOR	PM	.09LB/MMBTU	
					SO2	1.20LB/MMBTU	
TOSCO OIL SHALE-1981	UT	45.00MBBL/D	N	FEED HEATER			
					CO	1.10LB/H	B*
					NOX	7.00LB/H	B*
					PM	1.20LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.52 SULFUR RECOVERY — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
TEXACO, INC. - PUGET SOU*	WA	50.00T/D	N	CLAUS SULFUR UNITS, 2	SO2 6.40LB/H 28.00T/YR	
					SO2 250.00PPM DSCF, 0% O2	N*

SOURCE TYPE CODE -- 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)

ASHLAND SYNTHETIC FUELS,*	KY PSD-KY-089	30.00T/H COAL	N	COAL LIQUIFACTION PLANT	PM	82.60T/YR	L*
					SO2	93.24T/YR	L*
DEPT OF WATER RESOURCES	CA NC-79-08	55.00MW	N	GEOTHERMAL POWER PLANT	H2S	5.00LB/H	B*
PACIFIC GAS & ELECTRIC C*	CA NSR 4-4-1 NC 8*		N	POWER PLANT	H2S	7.50LB/H	B*
PACIFIC GAS & ELECT. CO.	CA NC-79-01	110.00MW	N	GEOTHERMAL UNIT 17	H2S	.12KG/H	
SACRAMENTO MUNICIPAL UTI*	CA NC-80-01	55.00MW	N	GEOTHERMAL UNIT #1	H2S	8.00LB/H	

SOURCE TYPE CODE -- 6.54 SYNTHETIC FIBERS

GLOBE MANUFACTURING CO.	NC 2106R4		N	ELASTIC FIBER EXTRUDING LINES	VOC	75.00% ANNUAL AV RE*	

SOURCE TYPE CODE -- 6.55 SYNTHETIC RUBBER/RUBBER TIRES

B.F. GOODRICH	IL 82 03 0046		N	BOILER	CO	400.00PPM	

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SOURCE TYPE CODE 6.55

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.3 FEED/GRAIN MILLS AND ELEVATORS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CARGILL, INC.	OH 08-124		N	COAL BOILER	PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
CORN PRODUCTS	IL 81040028-81040*		N	DUST BIN PICKUPS	PM	1.20LB/H	L*
				DUST PICKUP-ELEVATOR & CONV.	PM	1.50LB/H	L*
				FEED TRANSPORT	PM	2.00LB/H	L*
				GERM CAKE TRANSPORT	PM	1.60LB/H	L*
				GERM DRYER TRANSPORT	PM	2.30LB/H	L*
				GERM FLAKE TRANSPORT	PM	4.59LB/H	L*
				GLUTEN DRYER	PM	2.10LB/H	L*
				GLUTEN DRYER	PM	1.14LB/H	L*
				NEW FEED DRYER	PM	8.40LB/H	L*
				PELLET DUST COLLECTION SYS.	PM	1.13LB/H	L*
				STEEP VENTS	PM	.60LB/H	L*
				SUGAR LOADING STATION	PM	.39LB/H	L*
SOURCE TYPE CODE -- 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES							
ANHEUSER-BUSCH, INC.	CA (R)LA-78-18		M	STEAM BOILERS, 2 EA	NOX	.27LB/MMBTU	L*
						.47LB/MMBTU	L*
					SO2	.21% S FUEL OIL	B*
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	10.00MMBBL/YR	M	COAL BOILERS, 3	CO	11.20LB/H EA	B*
						.06LB/MMBTU	B*
					NOX	125.00LB/H EA	B*
						.70LB/MMBTU	B*
				OIL BOILERS, 3	CO	2.70LB/H EA	B*
						.04LB/MMBTU	B*
					NOX	32.10LB/H EA	B*
						.42LB/MMBTU	B*
COORS CO.	VA 80VA01	221.00MMBTU 3 EA	N	ASH SILO HANDLING SYS	PM	.32LB/H	B*
						5.00% OPACITY	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.11 GRAY IRON FOUNDARIES — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
LYNCHBURG FOUNDRY	VA 79VA02	13.00T/H	M	# 115 DOWNDRAFT TABLES & GRI*	PM .37LB/T PROC. WT.	B*
					4.81LB/H	B*
				BLAST MACHINES #111 & 112	PM .15LB/T PROC. WT.	B*
					1.05LB/H	B*
				BLAST MACHINES #113 & 114	PM .16LB/T PROC. WT.	B*
					.96LB/H	B*
UNIVERSAL FOUNDRY CO.	WI MAN-04-80-71-0*		N	GAS FIRED PREHEATING FURNACE	PM .04LB/MLB GAS	L*
				HOLDING FURNACE	PM .04LB/MLB GAS	L*
				ROTORY SHAKEOUT MACHINE, 2 EA	PM .04LB/MLB GAS	L*
				SAND HANDLING SYS.	PM .04LB/MLB GAS	L*
VERMONT CASTINGS	VT		N	CUPOLA FURNACE	CO 47.00LB/H	
					2000.00PPM	
					PM 1.00LB/H	
WAUPACA FOUNDRY PLANT #2	WI MAA-06-80-69-99		M	CUPOLA		
					PM 6.47LB/H	
W-K-M VALUE DIV. OF ACF *	TX PSD-TX-288	300.00MOLDS/H	M	BLOWER STACK	PM 5.00LB/H	
				BLOWER STACK	PM .50LB/H	
				OVENS, 2	PM .55LB/H EA	

SOURCE TYPE CODE -- 8.12 SECONDARY LEAD SMELTING

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
HAMMOND LEAD PROD., HALS*	IN 665 & 676			LITHARGE HANDLING	PM .20LB/H	L*
				MATL. BLENDING	PM .05LB/H	L*
P.B. CO.	IN PC(43)1488		N	ROTARY FURNACE	PM 5.00T/YR	

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FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

SOURCE TYPE CODE 8.13

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.12 GRAPHIC ARTS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.80LB/MMBTU	N*
				CARBON BED ADSORPTION UNIT	NO2	.30LB/MMBTU	N*
					VOC	39.00LB/H	L*
SOURCE TYPE CODE -- 4.14 OTHER ORGANIC EVAPORATION LOSS							
BROYHILL FURNITURE	NC NC-035	300.00GAL TOPCO*	N	SPRAY BOOTHS	VOC	688.00T/YR	B*
MEREDITH CORP.	IA		M	FLEXOGRAPHIC PRINTER ROTOGRAVURE PRINTING PRESS	VOC	16.00% VOL SOLVENT *	
ROCKWELL INTERNATIONAL	OK T80-43		N	BOND PRIME, PRIME & ENAMEL C*	VOC	18.40T/YR UNCONT.,N* 3.40T/YR CONT.,NOT*	
				CHEM MASKANT ON ACFT SKINS	VOC	202.00T/YR UNCONT.,N*	
SOLVENT RESOURCE RECOVERY	OH 0857751346 P004		N	DISTILLATION UNIT	VOC	1.27LB/D .16T/YR	
SOURCE TYPL CODE -- 5.0 PETR. REFINING/OIL & GAS PROD./RELATED INDUSTRY							
EXXON CO	MS MS 030	24.00MMCF	N	TEST WELL	SO2	745.00T/D 30 D MAX	
SOURCE TYPE CODE -- 5.1 PETROLEUM REFINING - SEPARATION							

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SOURCE TYPE CODE 5.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
GULF OIL CO.	(CONTINUED)						
					SO2	38.30LB/MMBTU	N*
						.60LB/H	N*
				GULFINING UNIT #244	NOX	18.00LB/H	B*
						.30LB/MMBTU	B*
					SO2	34.90LB/H	N*
						.60LB/MMBTU	N*
				LUBE VACUUM UNIT #147	NOX	37.30LB/H	B*
						.30LB/MMBTU	B*
					SO2	72.30LB/H	N*
						.60LB/MMBTU	N*
				SOLVENT DEWAXING UNIT	NOX	67.40LB/H	B*
						.67LB/MMBTU	B*
					SO2	3.00LB/H	N*
						.03LB/MMBTU	N*
				SOLVENT DEWAXING UNIT #1943	NOX	23.90LB/H	B*
						.67LB/MMBTU	B*
					SO2	1.10LB/H	N*
						.03LB/MMBTU	N*
				SOLVENT EXTRACTION UNIT #1843	NOX	14.67LB/H	B*
						.12LB/MMBTU	B*
					SO2	2.00LB/H	N*
						.02LB/MMBTU	N*
				SULFUR RECOVERY UNIT #544	NOX	1.90LB/H	B*
					SO2	45.00LB/H	N*
HAWAIIAN INDEPEN. REFIN.	HI (R)HI 81-01		M	HEATER, CRUDE OIL, #4	NOX	.40LB/MMBTU	
					PM	6.10LB/H	
					SO2	60.00LB/MMBTU	
				REFORMER FURNACE, H2 GEN. PL*	NOX	.17LB/MMBTU	
					PM	1.40LB/H	
					SO2	2.40LB/H	
HIGH PRAIRIE ENERGY CO.	MT	2.00MMSCFD	N	INCINERATOR	SO2	65.00LB/H	B*
HILL PETROLEUM	LA (R)PSD-LA-286A	66550.00BPSD	M	COMPRESSOR SEALS	VOC	.19LB/H	B*
				HEATER	VOC	.00LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	1.59LB/H	B*
						.02LB/MMBTU	B*
					SO2	.79LB/H	N*
						.01LB/MMBTU	N*
					VOC	.06LB/H	B*
						.00LB/MMBTU	B*
				FCC UNIT	CO	89.10LB/H	N*
					NOX	29.40LB/H	B*
					PM	12.00LB/H	N*
						1.00LB/MLB COKE BU*	N*
					SO2	64.10LB/H	N*
					VOC	2.60LB/H	B*
				HEATER, HDS	CO	1.67LB/H	B*
						.04LB/MMBTU	B*
					NOX	10.90LB/H	B*
						.27LB/MMBTU	B*
					PM	1.43LB/H	B*
						.04LB/MMBTU	B*
					SO2	.48LB/H	N*
						.01LB/MMBTU	N*
					VOC	.16LB/H	B*
						.00LB/MMBTU	B*
				HEATER, ISOSTRIPPER	CO	1.11LB/H	B*
						.03LB/MMBTU	B*
					NOX	6.85LB/H	B*
						.18LB/MMBTU	B*
					PM	.87LB/H	B*
						.02LB/MMBTU	B*
					SO2	.63LB/H	N*
						.08LB/MMBTU	N*
					VOC	.16LB/H	B*
						.00LB/MMBTU	B*
				HEATER, REFORMER	CO	6.75LB/H	B*
						.04LB/MMBTU	B*
					NOX	43.80LB/H	B*
						.27LB/MMBTU	B*
					PM	.08LB/H	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE) REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	3.10LB/H	B*
				MINE VENTS	PM	10.60LB/H	B*
						14.90LB/H	B*
				OIL REBOILER	CO	1.50LB/H	B*
					NOX	9.10LB/H	B*
					PM	1.60LB/H	B*
					SO2	4.00LB/H	B*
				ORE STORAGE	PM	4.70LB/H	B*
				RECL TUNNEL	PM	6.20LB/H	B*
				SEC CRUSHER	PM	36.60LB/H	B*
				SPENT SHALE STOR	PM	7.90LB/H	B*
				2 AUX BOILERS	CO	2.90LB/H	B*
					NOX	18.00LB/H	B*
					PM	3.20LB/H	B*
					SO2	8.00LB/H	B*
				2 SO2 REC.PLANTS	SO2	92.20LB/H	B*
				4 REFORM FURN	CO	10.80LB/H	B*
					NOX	90.30LB/H	B*
					PM	12.00LB/H	B*
					SO2	30.10LB/H	B*
				6 ELUTRIATORS	NOX	15.80LB/H	B*
					PM	42.00LB/H	B*
					SO2	5.30LB/H	B*
				6 PREHEAT STK	NOX	1588.20LB/H	B*
					PM	90.00LB/H	B*
					SO2	62.50LB/H	B*
					VOC	303.00LB/H	B*
				6 PROCESS SHALE WET	PM	43.20LB/H	B*
UNION OIL SHALE #1	CO	10.00MBBL/D		DEARSENITER CHARGE HTR	NOX	2.30LB/H	B*
				DEARSENITER PURGE HTR	NOX	1.80LB/H	B*
				FRACT CHG HTR	NOX	2.50LB/H	B*
				H2 CHG HTR	NOX	2.80LB/H	B*
				REFORMER FURN	NOX	53.10LB/H	B*
				STEAM BOILER	NOX	12.00LB/H	B*
				SULFUR REC.UNIT	SO2	300.00PPM	B*
						1.90LB/H	B*

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SOURCE TYPE CODE 5.14

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.55 SYNTHETIC RUBBER/RUBBER TIRES

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
FIRESTONE TIRE CO.	NC NC-024	27700.00LB/H INPUT	N	BOILER	NOX	.60LB/MMBTU	N*
					PM	.06LB/MMBTU	
					SO2	1.20LB/MMBTU	N*
				TIRE PROCESS LINES	SO2	106.00LB/H	B*
					PM	11.10LB/H	B*

SOURCE TYPE CODE -- 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE

B.F. GOODRICH	KY KY 149	81000.00LB/H EDC	N	EDC/VCM MANUFACTURING	NOX	.23LB/MMBTU	B*
					VC	10.00PPM	N*
B.F. GOODRICH CHEMICAL	NJ	404.00MMLB/YR P*	M				
B.F. GOODRICH CHEMICAL	NJ	404.00MMLB/YR	M	DISPERSION RESIN LINE	VC	1350.00PPMW/YR AV	
						2000.00PPMW/D AV	
				DRYER FACILITY	PM	.02GR/SCF	S*
				MONOMER RECOVERY	VC	10.00PPM	
				REACTOR OPENING LOSS	VC	.02G/KG	
				RELIEF VALVE DISCHARGE			
				SUSPENSION RESIN PRODUCTION *	VC	400.00PPM DAILY AV	
						25.00PPM, ANNUAL AVG	
B.F. GOODRICH CO.	KY C-82-65	275000.00T/YR	M	BLEND TANKS, 3	VCM	.04LB/H	B*
						27.50T/YR	B*
				BULK PVC STORAGE SILOS, 8	PM	4.29LB/H	B*
						1.59T/YR	B*
				FLUID BED DRYERS, 2	PM	4.48LB/H	B*
						16.74T/YR	B*
				PLANT FUGITIVES	VCM	27.50T/YR	
				PVC STORAGE SILOS, 4	PM	1.84LB/H	B*
						2.59T/YR	B*
				REACTOR OPENING VENT	VCM	20.00LB/MMLB PVC	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				BOILER, COAL FIRED, 3	CO	.40LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	.24LB/MMBTU	
					VE	5.00% OPACITY	B*
				COAL BUNKERS	VOC	.02LB/MMBTU	B*
					PM	1.29LB/H	B*
						5.00% OPACITY	B*
				COAL CAR THAWING HEATER	CO	1.00LB/H	B*
					NOX	2.00LB/H	B*
					PM	.18LB/H	B*
					SO2	3.00LB/H	B*
					VOC	1.00LB/H	B*
				COAL DEAD STORAGE PILES	PM	.23LB/H	B*
				COAL RECEIVIN	PM	5.00% OPACITY	B*
						2.86LB/H	B*
				COAL RECLAIM FROM DEAD STORA*	PM	5.00% OPACITY	B*
				COATING OVEN, CAN PLANT	VOC	.46LB/H	B*
				COATING OVEN, CAN PLANT	VOC	11.00LB/H	B*
				DISTN. SYS, STARCH BREWHOUSE	PM	5.00LB/H	B*
						.65LB/H	B*
				DRY SPENT GRAIN STOR. AND HA*	PM	5.00% OPACITY	B*
						1.64LB/H	B*
				FILTER MEDIA DRYER	PM	5.00% OPACITY	B*
						.14LB/H	B*
				HANDLING SYS, DIATOMACEOUS E*	PM	5.00% OPACITY	B*
						.65LB/H	
				LIME STOR. & HANDLING SYS.	PM	5.00% OPACITY	
						.65LB/H	B*
				PELLET BULK STORAGE	PM	5.00% OPACITY	B*
						.73LB/H	B*
				PNEUMATIC SYS,STARCH UNLOAD	PM	5.00% OPACITY	B*
						1.29LB/H	B*
				REC. SYS, BARLEY, MALT, & RI*	PM	5.00% OPACITY	B*
						.65LB/H	B*
				RICE STOR., SCREEN AND MILLI*	PM	5.00% OPACITY	B*
						2.59LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.13 SECONDARY MAGNESIUM SMELTING

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ALLIED CHEMICAL CORP.	DE 80DE02	78800.00T/YR MGO	M	REGEN FACILITY,MGO		

SOURCE TYPE CODE -- 8.14 STEEL FOUNDARIES

ABEX CORP.	PA 79PA03	260.00MT/YR	N	ARC FURNACES	CO	14.80LB/H	B*
					PM	1.55LB/H STACK, EA*	B*
				CORE BAKING	PM	.13LB/H	B*
				CORE MAKING	PM	.12LB/H	B*
				GRAPHITE MACHINING	PM	.05LB/H	B*
				METAL POURING	PM	.29LB/H	B*
				MOLD SPRAYING	PM	.05LB/H	B*
				SAND HANDLING	PM	.70LB/H W/O RECLA*	B*
						3.62LB/H WITH RECL*	B*
				WHEEL CLEANING	PM	1.02LB/H	B*
				WHEEL PEENING	PM	.29LB/H	B*
				WHEEL PICKOUT	PM	.56LB/H	B*
INTERNAT. METALS RECLAMA*	PA 78PA11	41.00MT/YR	N	ELECT. ARC FURNACE	PM	6.50LB/H	B*
				MILL SCALE PREPARATION	PM	.86LB/H	B*
				PELLET DRYER	PM	.15LB/H	B*
				PNEUMATIC UNLOAD	PM	.06LB/H	B*
				ROTARY HEARTH FURNACE	PM	2.40LB/H	B*
				ROT. HEARTH FURN. FEED. PREP.	PM	.41LB/H	B*
K O STEEL CASTING, INC.	TX C6789	4.00T	N	ELECTRIC ARC FURNACE	NOX	.60LB/H	
						1.20T/YR	
					PM	3.10LB/H	
						6.40T/YR	
STRUCTURAL METALS, INC.	TX 8248	60.00T/H	N	ELECTRIC ARC FURNACES	CO	3.10LB/H	
						13.50T/YR	
					PM	17.10LB/H	
						75.00T/YR	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.1 PETROLEUM REFINING - SEPARATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ARCO PETROLEUM PROD. CO.	CA (R)LA-78-17	450.00MMBTU/H	M	DISTILL. UNIT, REPLACEMENT C*	SO2 800.00PPM S REFIN. G* .25%S-FUEL OIL	
GULF STATES OIL & REFINI*	TX 8452		N	FUGITIVES	VOC 3.10T/YR	B*
				HEATERS, 4	NOX 19.50T/YR	A*
					SO2 32.90T/YR	B*
				VAC. COLUMN EJECTOR		
THE DOW CHEMICAL CO.	TX (R)PSD-TX-405	400.00MMBTU/H		2 VACUUM DISTALL. UNITS, GAS	NOX .12LB/MMBTU	B*
					SO2 .03LB/MMBTU	N*

SOURCE TYPE CODE -- 5.2 PETROLEUM REFINING - CONVERSION

ASHLAND OIL, INC.	KY C-82-127	55000.00BBL/D	M	BOILER, PACKAGED, OIL/GAS	PM 17.00T/YR	
					SO2 345.00T/YR	
				CO BOILER	CO 300.00PPM	
					2234.00T/YR	
					NO2 .20LB/MMBTU	
					713.00T/YR	
					PM 68.00LB/H	
					298.00T/YR	
					SO2 250.00PPM	
					4260.00T/YR	
					VOC 65.00T/YR	
				FCC CHARGING HEATER AFTERBUR*	CO 240.00T/YR	
					PM 96.00T/YR	
					SO2 9.00T/YR	
				FCC REGEN. AFTER BURNER	CO 6027.00T/YR	
					PM 287.00T/YR	
					SO2 673.00T/YR	
				HEATER, GAS	CO 3.00T/YR	
					PM 9.00T/YR	
				HF ALKY ISU	PM 7.00T/YR	

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SOURCE TYPE CODE 5.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				HEATER	VOC	.00LB/MMBTU	B*
				LOADING DOCK WASTEWATER	VOC	3.82LB/H	B*
				PUMP SEALS	VOC	.65LB/H	B*
				RELIEF VALVES	VOC	1.20LB/H	B*
				SEPARATOR	VOC	.31LB/H	B*
				TANKS, 11 EA	VOC	2.42LB/H	B*
				TANKS, 2 EA	VOC	7.32LB/H	B*
				TANKS, 4 EA	VOC	2.58LB/H	B*
				VALVES & FLANGES	VOC	7.72LB/H	B*
HYDROCARBON RECYCLERS, I*	OK T81-15 & T82-1*		M	ATMOS. & VACUUM DISTIL. USED* DISTIL. OF CHLORINATED HC	VOC	13.00T/YR	
INDEPENDENT REFIN.	TX (R)PSD-TX-388	50.00MBPSD	M	HEATERS, 6	NOX	.11LB/MMBTU	N*
				REBOILER	NOX	.11LB/MMBTU	N*
LONGVEIW REFIN.	TX PSD-TX-364	30000.00BPSD	M	BOILERS, 2	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.03LB/MMBTU	B*
				FCC REGENERATOR	CO	79.50LB/H	B*
					NOX	32.70LB/H	B*
					PM	10.60LB/H	B*
					SO2	190.30LB/H	N*
				HEATERS, 25	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
				SULFUR RECOVERY UNIT TURBINE, 3	CO	.49G/HP-H	N*
					NOX	1.30G/HP-H	B*
					PM	.07G/HP-H	B*
					SO2	.12G/HP-H	B*
MARATHON OIL CO.	IL C 8005034		M	HEATER	NOX	.30LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.80LB/MMBTU	

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.00LB/MMBTU	B*
					SO2	1.90LB/H	N*
						.01LB/MMBTU	N*
					VOC	.80LB/H	B*
						.01LB/MMBTU	B*
				HEATER, VACUUM	CO	1.67LB/H	B*
						.03LB/MMBTU	B*
					NOX	11.60LB/H	B*
						.17LB/MMBTU	B*
					PM	1.51LB/H	B*
						.02LB/MMBTU	B*
					SO2	1.27LB/H	N*
						.02LB/MMBTU	N*
					VOC	.16LB/H	B*
						.00LB/MMBTU	B*
				REGENERATOR, HYDROTREATER CA*	PM	.79LB/H	B*
					SO2	.24LB/H	N*
				TAIL GAS INCIN	NOX	.08LB/H	B*
					SO2	39.70LB/H	B*
VENTECH REFIN.	LA (R)PSD-LA-232	46500.00BPSD	N	CATALYTIC REGEN	CO	104.70LB/H	N*
					NOX	66.60LB/H	B*
					PM	14.60LB/H	B*
					SO2	265.20LB/H	N*
					VOC	2.20LB/H	B*
				FCCU FURNACE	CO	.02LB/MMBTU	N*
					NOX	.23LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
					VOC	.01LB/MMBTU	B*
				SULFUR RECOVERY PLANT	SO2	2.10LB/H	N*
				VACUUM FURNACE	CO	.02LB/MMBTU	B*
					NOX	.23LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
					VOC	.01LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE) REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
WHITE RIVER SHALE OIL CO*	UT MAJ 053082-IT	106000.00BPSD	N	BOILER & POWER PLANTS (3 STK)	NOX .20LB/MMBTU 487.50LB/H	
					PM .03LB/MMBTU 73.20LB/H	
					SO2 .07LB/MMBTU 166.90LB/H	
				CONVEYORS	PM .01GR/DSCF	
				CRUSHING & SCREENS	PM .02GR/DSCF	
				DEAD STORAGE WIND EROSION, R*		
				FEED TO STORAGE SILOS	PM .01GR/DSCF	
				FINES CONVEYOR, POINTS TRANS*	VE 20.00% OPACITY	
				GROOMING	VE 20.00% OPACITY	
				GROOMING, RAW SHALE STOCKPILE		
				H2 PLANT REFORMER FURNACE	NOX .21LB/MMBTU 267.80LB/H	
					PM .20LB/MMBTU 25.80LB/H	
					SO2 .01LB/MMBTU 9.00LB/H	
				IN-MINE PRIMARY CRUSHING		
				LIVE STORAGE WIND EROSION, R*		
				LOAD IN	VE 20.00% MINIMIZE	
				LOAD IN, RAW SHALE STOCKPILE		
				MAIN ACCESS ROADS		
				MINE CONVEYOR SURGE BIN	PM .01GR/DSCF	
				MINE CONVEYOR TRANSFER POINTS	PM .01GR/DSCF	
				PHASE III - HYDRO TREATER RE*	NOX .26LB/MMBTU 39.00LB/H STACK	
					PM .02LB/MMBTU 2.60LB/H STACK	
					SO2 .16LB/MMBTU 10.00LB/H STACK	
				PHASE III-UNION B RECYCLE GA*	NOX .02LB/MMBTU 53.10LB/H STACK	
					PM .02LB/MMBTU 5.00LB/H STACK	

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SOURCE TYPE CODE 5.14

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
FORMOSA PLASTICS	TX (R)PSD-TX-226	957.00MT/YR	M	BOILERS, 5 EA	NOX	.11LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
				COMPRESSOR	VOC	.09LB/H	B*
				COOLING TOWER	VOC	.18LB/H	B*
				EPC CRACKERS	NOX	.15LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
				FLANGES	VOC	2.14LB/H	B*
				GAS HOLDER I	VOC	.04LB/H	B*
				GAS HOLDER II	VOC	.00LB/H	B*
				HEATERS, 2	NOX	.18LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
				INCIN., 2	NOX	.12LB/MMBTU	B*
					VOC	.02LB/MMBTU	B*
				PUMPS	VOC	.14LB/H	B*
				PVC DRYERS	VOC	21.00LB/H	B*
				STARTUP/SHUTDOWN	VOC	.11LB/H	B*
				VALVES	VOC	2.10LB/H	B*
				WATER TREATMENT	VOC	.11LB/H	B*
SHINLOCH, INC.	TX (R)PSD-TX-327	350.00MT/YR	M	STEAM BOILER	NOX	.12LB/MMBTU	B*
				STEAM BOILER	NOX	.12LB/MMBTU	B*
SHINTECH, INC.	TX PSD-TX-285	350.00MT/YR	M	BOILER, 2	PM	.30LB/H	
				DRYER STACKS, 2	PM	1.80LB/H EA	
				FUGITIVES			
				INCIN. STACKS, 2			
				PNEUMATIC VENTS, 7	PM	1.06LB/H EA	
				REACTOR VENT FAN			

SOURCE TYPE CODE -- 6.61 ALCOHOL FUEL PRODUCTION

AM. MODERN FOOD ENERGY S* IA		40.00MMGAL/YR	N	BOILER, PULV. COAL	NOX	.70LB/MMBTU	B*

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SOURCE TYPE CODE 6.61

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					5.00% OPACITY	B*
				SCREENING & MILLING SYS, BAR* PM	.65LB/H	B*
					5.00% OPACITY	B*
				SPENT GRAIN DRYER PM	.11LB/H	B*
					5.00% OPACITY	B*
				STORAGE PILE, COAL ACTIVE PM	.46LB/H	B*
					5.00% OPACITY	B*
				STORAGE SYS, STARCH BREWHOUSE PM	1.29LB/H	B*
					5.00% OPACITY	B*
				STORAGE, COAL RECLAIM HOPPER* PM	2.86LB/H	B*
					5.00% OPACITY	B*
SCHREIER MALTING CO	WI ATT-04-80-60-0*	250000.00BU/YR	N	CONVEY & HANDLE PM	11.11LB/H	
				KILN PM	11.11LB/H	

SOURCE TYPE CODE -- 7.6 FERTILIZER PLANTS

AGRICO CHEMICAL CO.	FL FL-0016	1429.00T/D P205	M	PHOSPHORIC ACID PROD. LINE	FL*	.02LB/T P205	N*
AGRICO CHEMICAL CO.	FL PSD-FL-061		M	DIAMONIUM PHOSPHATE	FL*	.50LB/H	N*
					PM	4.30LB/H	B*
CALIF. AMMONIA (CALAMCO)	CA SJ80-07		N	NITRIC ACID PLANT	NOX	210.00PPM	B*
						3.00LB/T 100% HNO3	B*
CONSERV, INC.	FL FL-076		M	SULFURIC ACID PLANT	AC*	12.50LB/H	N*
					SO2	333.40LB/H	N*
GARDINIER, INC.	FL PSD-FL-026	1750.00T/D H2SO4	M	SULFURIC ACID PLANT #7	AC*	10.90LB/H	N*
					SO2	291.70LB/H	
NEW WALES CHEMICALS, INC.	FL FL-072		M	SULFURIC ACID PLANT	AC*	17.20LB/H	N*
					SO2	458.30LB/H	N*

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SOURCE TYPE CODE 7.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.14 STEEL FOUNDARIES — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS

SOURCE TYPE CODE -- 8.19 ORE CRUSHING AND GRINDING

NATIONAL STEEL PELLET CO.	MN 62-81-I-9		M	PELLET CONCENTRATOR MILL LIN*	PM	3.30T/YR	B*

SOURCE TYPE CODE -- 8.22 OTHER METALLURGICAL PROCESSES

AIRCO CARBON	NY		M	CARBOTTOM BAKE/REBAKE ELECTR* GRAPHITE KILN	CO	.04LB/H	B*
ATLAS MINERALS	UT MAJ 110382-2T	300.00LB/H	M	V205 FUSION FURNACE	PM	.02GR/DSCF	
CUYAHOGA SMELTING & PROC*	OH 13-931		N	DROSS CHARGING & WASHING	PM	.03GR/DSCF	
					PM	.03GR/DSCF .77LB/DT	
				DRYING	PM	.68T/YR	
DAYTON WALTHER CORP.	KY C-82-160			BARRAL BLAST	PM	12.78LB/H 23.00T/YR	
				PRE-HEATER-NG, 2 FURNACES	PM	20.00LB/H 36.00T/YR	
				RETURN SAND SYSTEM	PM	1.46LB/H 2.62T/YR	
				SAND HANDLING	PM	6.88LB/H 12.40T/YR	
LAKE SIDE SLAG	IL C80 05 049		N	HAUL ROAD PLANT ROADS			

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SOURCE TYPE CODE 8.22

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.2 PETROLEUM REFINING - CONVERSION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	10.00T/YR	
CHAMPLIN PETROLEUM CO.	CA LA-79-05		M	ALKYLATION UNIT, HYDROFLUORI*	SO2	230.00MG/DSCM H2S .10GR/DSCF	
				CATALYTIC POLYMERIZATION UNIT	SO2	230.00MG/DSCM H2S .10GR/DSCF	
				FCC UNIT	SO2	84.00LB/H 2H AV 56.00LB/H 24H AV	
CHAMPLIN PETROLEUM CO.	TX (R)PSD-TX-408	22.50MBBL/D	M	COKER HEATER	NOX	.18LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
				HEATER, KEROSENE HYDROTREATE*	NOX	.12LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
				HEATER, KEROSENE HYDROTREATE*	NOX	.12LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
				HEATER, MIXED DIST. HYDROTRE*	NOX	.12LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
EXXON CO., USA/BAYWAY RE*	NJ	45.00MBPSD		FUGITIVE EMISSIONS	VOC	203.00T/YR	L*
				HYDROFINER POWER FORMER	SO2	4416.60T/YR	B*
					VOC	2.50T/YR	L*
				PROCESS HEATER	NOX	1663.00T/YR	B*
					SO2	195.40T/YR	B*
					VOC	5.10T/YR	L*
				TANKAGE	VOC	4.10T/YR	L*
TOSCO CORP.	CA 27769	5.00HP	N	CENTRIFUGAL PUMPS	VOC	500.00PPM	
UNITED REFINING CO.	PA 78PA14	20000.00MBBL/D	M	CLAUS PLANT			
				FCC UNIT	SO2	350.00LB/H	B*
				REBOILER	SO2	24.00LB/H	N*
				REFORMER HEATER	SO2	65.00LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				HEATERS	NOX .30LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.00LB/MMBTU	
MARATHON OIL CO.	TX TX-241		M	HEATER, CRUDE	NOX 36.74LB/H N. GAS	B*
					.22LB/MMBTU N. GAS	B*
					NOX 52.50LB/H FUEL OIL	B*
					.30LB/MMBTU FUEL *	B*
					SO2 4.30LB/H N. GAS	N*
					.03LB/MMBTU N. GAS	N*
					SO2 115.80LB/H FUEL OIL	N*
					.66LB/MMBTU FUEL *	N*
NATIONAL COOP. REFIN. AS*	KS	70000.00BBL/D	M	PROCESS HEATER, UNIT HF-009	NOX .15LB/MMBTU MAX	B*
				PROCESS HEATER, UNIT HF-010	NOX .15LB/MMBTU MAX	B*
				PROCESS HEATER, UNIT HP-012	NOX .15LB/MMBTU MAX	B*
NEDERLAND PROCESSING CO.	TX TX-262	35.00MBPSD	N	BOILER	CO 6.20LB/H OIL	B*
					.04LB/MMBTU OIL	B*
					CO 2.60LB/H GAS	B*
					.02LB/MMBTU GAS	B*
					NOX 51.00LB/H OIL	B*
					.30LB/MMBTU OIL	B*
					NOX 20.40LB/H GAS	B*
					.12LB/MMBTU GAS	B*
					PM 8.90LB/H OIL	B*
					.05LB/MMBTU OIL	B*
					PM 2.30LB/H GAS	B*
					.01LB/MMBTU GAS	B*
					SO2 79.30LB/H OIL	B*
					.47LB/MMBTU OIL	B*
					SO2 4.20LB/H GAS	B*
					.03LB/MMBTU GAS	B*
					VOC 1.20LB/H OIL	B*
					.01LB/MMBTU OIL	B*
					VOC .50LB/H GAS	B*
					.01LB/MMBTU GAS	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 5.6 PETROLEUM REFINING - ENTIRE OPERATION							
GARY WESTERN REFIN.	CO	21.00MBBL/D	M	BOILER #4	NOX	8.41LB/H	B*
				CRUDE UNIT	NOX	5.31LB/H	B*
				DISTILLATE HDS	NOX	3.42LB/H	B*
				GILSONITE MELT	NOX	3.60LB/H	B*
				HYDROCRACKER	NOX	6.02LB/H	B*
				MARUZEN LUMMIS	NOX	1.44LB/H	B*
				NEW H2 PLANT	NOX	13.32LB/H	B*
				PLATFORMER	NOX	10.09LB/H	B*
				SUL RECOV PLANT	NOX	.36LB/H	B*
				SUL RECOV PLANT	SO2	250.00PPM	B*
						60.10LB/H	B*
				VAP. REC. GAS CONT.	NOX	1.26LB/H	B*
HAMPTON ROADS ENERGY CO.	VA 78VA01	184000.00BPSD	N	FLARING			
				GEN,UTILITY STEAM,STACK 3	SO2	8.00LB/H	B*
					CO	20.00LB/H	B*
					NO2	106.00LB/H	B*
					PM	34.00LB/H	B*
				HEATER, ATMOS. CRUDE DISTIL,*	SO2	180.00LB/H	N*
					CO	17.00LB/H	B*
					NOX	95.00LB/H	B*
					PM	29.00LB/H	B*
				HEATER, CATALYTIC REFORMER, *	SO2	152.00LB/H	N*
					CO	17.00LB/H	B*
					NOX	97.00LB/H	B*
					PM	29.00LB/H	B*
				HEATER, DISTILLATE HDS, STAC*	SO2	152.00LB/H	N*
					CO	4.00LB/H	B*
					NOX	24.00LB/H	B*
					PM	7.00LB/H	B*
				HEATER, HYDROGEN PLANT, STAC*	SO2	39.00LB/H	N*
					CO	25.00LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	.02LB/MMBTU	
						5.50LB/H STACK	
				PROCESSED SHALE CONVEYOR TRA*	VE	20.00% OPACITY	
				PROCESSED SHALE DISPOSAL			
				SUPERIOR PROCESSED CONVEYOR *	VE	20.00% OPACITY	
				SUPERIOR RETORT SILO FEED	PM	.01GR/DSCF	
				SURFACE CRUSHING & SCREENS	PM	.01GR/DSCF	
				TOSCO PREHEAT & BALL HEATERS	NOX	.22GR/DSCF	
						51.90LB/H STACK	
					PM	.02GR/DSCF	
						22.50LB/H STACK	
					SO2	.00GR/DSCF	
						.50LB/H STACK	
				TOSCO PROCESSED CONVEYOR SHA*			
				TOSCO RETORT SILO FEED	PM	.01GR/DSCF	
				UNION PROCESSED CONVEYOR SHA*	VE	20.00% OPACITY	
				UNION RETORT SILO FEED	PM	.01GR/DSCF	
				WIND EROSION			
				2ND LIGHT DUTY ROADS			
SOURCE TYPE CODE -- 5.15 OIL AND GAS FIELD SERVICE							
SIGMOR PIPELINE CO.	TX 6348	306.00MMGAL/YR	N	DIESEL/KERO LOADING	VOC	14.10T/YR	A*
				FUGITIVE VOC	VOC	12.00T/YR	
				GASOLINE LOADING 3 RACKS (12*	VOC	23.60T/YR	A*
						.13LB/MGAL VOC	A*
				STORAGE TANKS (7)	VOC	25.00T/YR	A*
UNITED GAS PIPE LINE CO.	TX X1480	2000.00HP EA,NAT*	N	SUPERIOR COMPRESSOR ENGINE	NOX	4.20G/BHP-HR	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.61 ALCOHOL FUEL PRODUCTION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.03LB/MMBTU	N*
					SO2	2.00LB/MMBTU	B*
				MISCELLANEOUS BAGHOUSES	PM	.006/SCF	
				TWO BOILERS, OIL/GAS	NOX	.25LB/MMBTU OIL	B*
						.20LB/MMBTU N.G.	B*
					PM	.03LB/MMBTU	N*
					SO2	.50LB/MMBTU	B*
CONSOLIDATED ENERGY GROU*	IA	10.20MMGAL/YR	N	BOILER, COAL FIRED, STOKER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						14.90T/YR	B*
					SO2	2.00LB/MMBTU	B*
				COAL HANDLING	PM	1.12T/YR	B*
				DOGS VENT	PM	35.04T/YR	B*
				ENTIRE FACILITY	VOC	115.00T/YR	B*
				GRAIN HANDLING	PM	4.22T/YR	B*
DUPONT	MI 756-79		N	FREON 22 MFG	VOC	205.00LB/H	
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	23.00MMGAL/YR *	N	AUXILIARY BOILER, NAT. GAS	NOX	.00LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*
				COAL HANDLING #1	PM	.60LB/H	B*
				COAL HANDLING #2	PM	.05LB/H	B*
				COAL UNLOAD	PM	.30LB/H	B*
				DRYERS, 2 NAT. GAS FIRED	NOX	.11LB/MMBTU	B*
					PM	.18LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*
				GRAIN CONVEY, STORAGE TO TRU*	PM	.02LB/H	B*
				GRAIN PELLET CONVEY TO RR CAR	PM	.10LB/H	B*
				GRAIN PELLET COVEY TO COOLER	PM	.23LB/H	B*
				MILO INLOADING & HANDLING	PM	.88LB/H	B*
				PROCESS STM GEN, COAL FIRED	NOX	.70LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	.68LB/MMBTU	B*
				TRANSFER OF ASH	PM	.32LB/H	B*
				TRANSFER OF MILO	PM	.04LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.6 FERTILIZER PLANTS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
OCCIDENTAL CHEMICAL CO.	FL PSD-FL-067	420.00T/D	M	DEFLUORINIZATION UNIT	FL* .04LB/T .70LB/H	B* B*
USS AGRI-CHEMICALS	FL PSD-FL-064	484000.00T/YR PHOS*	M	PHOSPHORIC ACID PROD. SULFURIC ACID PROD.	FL* .02LB/T P205 SO2 40.00LB/T 100% H2SO4	N* N*
W R GRACE & CO	FL PSD-FL-068	115.00T/H	M	DIAMMONIUM PHOSPHATE PLANT DRYER	FL* .06LB/T P205 FEED SO2 39.00LB/H	N* B*
SOURCE TYPE CODE -- 7.9 FATS/VEGETABLE OILS						
OWENSBORO GRAIN CO.	KY C-81-70	360000.00T SOYBEAN*	M	BOILER, COAL FIRED, & FUEL H* SOLVENT EXTRACTION SYSTEM SOYBEAN PREP.	NOX .70LB/MMBTU SO2 1.60LB/MMBTU VOC 2.90LB HEXANE/T SO* 517.20T/YR	
SOURCE TYPE CODE -- 7.11 FRUITS/VEGETABLES PROCESSING						
A.E. STALEY MFG. CO.	IA		M	BOILER, COAL FIRED, 2 UNITS	NOX .60LB/MMBTU SO2 1.60LB/MMBTU MAX 1.20LB/MMBTU - 30 *	B* B* B*
SOURCE TYPE CODE -- 7.12 OTHER FOOD & AGRICULTURAL						

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SOURCE TYPE CODE 7.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.22 OTHER METALLURGICAL PROCESSES — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				PRIMARY & SECONDARY CRUSHERS* STOCKPILES		
SMITH INTERNATIONAL, INC.	NV	156600.00LB/MONTH	N	ATTRITION MILLS, 6 EA	HE* 40.00T/YR	B*
SUPERIOR GRAPHITE	KY C-80-9	36000.00T/YR	M	COKE HANDLING	PM 5.40LB/H	
					16.80T/YR	
				GRAPHITE FURNACE	PM 5.40LB/H	
					16.80T/YR	
					SO2 739.00T/YR	
				GRAPHITE FURNACE, 2	H2* 11.40LB/H	B*
					47.90T/YR	B*
				MATERIAL, PRODUCT LOADING	PM 8.44LB/H	
					35.47T/YR	
				PRODUCT HANDLING RESEARCH GRAPHITE FURNACE		
TRINITY INDUSTRIES INC	TX 8524		N	RAIL CAR SHOT BLASTING	PM .01GR/ACF	
WISCONSIN CENTRIFUGAL	WI MAN-12-DFS-82-*		M	CASTING MACHINE	PM .01GR/DSCF	L*
				INDUCTION FURN., 3, HOLD. FU*	PM 1.30LB/T	L*
					.01GR/DSCF	L*
				INDUCTION FURN., 6, MELT. FU*	PM 1.30LB/T	L*
					.01GR/DSCF	L*
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	3.00T/H	M	INDUCTION FURNACES, 2	PM 1.30LB/T	A*
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	6900.00LB/H	M	INDUCTION FURNACES, 2	PM 1.30LB/T	A*
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	3.00T/H	M	VERTICAL CASTING MACHINES, 2	PM .00LB/H	
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	6900.00LB/H	M	VERTICAL CASTING MACHINES, 2	PM .00LB/H	L*

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SOURCE TYPE CODE 9.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.3 PETROLEUM REFINING - TREATING

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ENDEVCO, INC.	AR AR-240M-1		N	DIETHANOLAMINE RECONCENTRATOR INCIN.	SO2	.10LB/H	B*
				TRIETHYLENE GLYCOL	SO2	460.00LB/H	B*
OIL INTERNATIONAL LTD	MT	2.00MMSCFD		INCINERATOR	SO2	.10LB/H	B*
					SO2	57.00LB/H	B*
						249.00T/YR	B*

SOURCE TYPE CODE -- 5.4 PETROLEUM REFINING - FEEDSTOCK

AMOCO OIL CO.	IN PC (45) 1479	10.80MMGAL	N	STORAGE TANKS, GASOLINE			
ARCO PIPELINE CO.	PA 79PA24		M	STORAGE TANKS NOS. 11, 14	VOC	1.61LB/H	B*
				STORAGE TANKS NOS. 2, 13, 15	VOC	1.65LB/H	B*
				STORAGE TANKS NOS. 4, 12	VOC	2.16LB/H	B*
				STORAGE TANKS NOS. 9, 10	VOC	1.32LB/H	B*
VENTECH REFIN.	LA (R)PSD-LA-278A			STORAGE TANKS NO. 1	VOC	.27LB/H	B*
			M	BARGE LOAD/UNLOAD	VOC	3.02LB/H	B*
				TANK	VOC	.35LB/H	B*
				TANKS, 2EA	VOC	.87LB/H	B*
				TANKS, 6EA	VOC	.02LB/H	B*

SOURCE TYPE CODE -- 5.5 PETROLEUM REFINING - AUXILIARY

ALLIED MATERIALS CORP.	OK (R)PSD-OK-344		M	WASTE INCINERATOR/HEAT RECOV*	SO2	4.43LB/MMBTU	B*
AMOCO	TX (R)PSD-TX-402	130.00MBPSD	M	HEATERS, 12 EA	NOX	.12LB/MMBTU	B*
				HYDROTREATER FLARES, 2	SO2	.03LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
NEDERLAND PROCESSING CO. (CONTINUED)						
				COOLING TOWER		
				FCCU REGEN	VOC 3.60LB/H	B*
					CO 73.50LB/H	N*
					500.00PPMV, LESS THAN	N*
					NOX 31.50LB/H	B*
					PM 8.40LB/H	N*
					1.00LB/MLB COKE	N*
					SO2 42.70LB/H	B*
				FLANGES, 3650	VOC 7.90LB/H	B*
				FLARE	VOC 2.10LB/H	B*
				ISOSTRIPPER REBOILER		
					CO 3.30LB/H OIL	B*
					.04LB/MMBTU OIL	B*
					CO 1.40LB/H GAS	B*
					.02LB/MMBTU GAS	B*
					NOX 27.00LB/H OIL	B*
					.30LB/MMBTU OIL	B*
					NOX 10.80LB/H GAS	B*
					.12LB/MMBTU GAS	B*
					PM 4.70LB/H OIL	B*
					.05LB/MMBTU OIL	B*
					PM 1.20LB/H GAS	B*
					.01LB/MMBTU GAS	B*
					SO2 42.00LB/H OIL	B*
					.47LB/MMBTU OIL	B*
					SO2 2.10LB/H GAS	N*
					.02LB/MMBTU GAS	N*
					VOC .70LB/H OIL	B*
					.01LB/MMBTU OIL	B*
					VOC .20LB/H GAS	B*
					.01LB/MMBTU GAS	B*
				OIL/WATER SEP	VOC 3.60LB/H	B*
				PUMPS -- HEAVY LIQUID, 7	VOC .30LB/H	B*
				PUMPS -- LIGHT LIQUID, 58	VOC 2.00LB/H	B*
				STORAGE TANKS, 6	VOC 7.80LB/H TOTAL	B*
				SULFUR PLANT	NOX .30LB/H	B*
					.12LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	144.00LB/H	B*
					PM	43.00LB/H	B*
					SO2	232.00LB/H	N*
				HEATER, ISOMERIZATION UNIT, *	CO	3.00LB/H	B*
					NOX	18.00LB/H	B*
					PM	6.00LB/H	B*
					SO2	28.00LB/H	N*
				HEATER, NAPHTHA HDS, STACK 2.	CO	9.00LB/H	B*
					NOX	49.00LB/H	B*
					PM	15.00LB/H	B*
					SO2	78.00LB/H	N*
				HEATER, RESIDUE HDS, STACK 1.	CO	11.00LB/H	B*
					NOX	60.00LB/H	B*
					PM	18.00LB/H	B*
					SO2	96.00LB/H	N*
				HEATER, SULFUR PLANT, STACK *	CO	2.00LB/H	B*
					NOX	15.00LB/H	B*
					PM	4.00LB/H	B*
					SO2	15.00LB/H	N*
				SULFUR RECOVERY UNIT	SO2	152.00LB/H	N*
HESS OIL - VIRGIN ISLANDS VI NONE		750.00MBPSD	M	FCC UNIT, 2	CO	500.00PPM VOL	B*
					NOX	175.00PPM 2% O2	B*
					PM	.80LB/MLB COKE BU*	B*
					SO2	.60% BY WT.	B*
				FUGITIVE EMISSION SOURCES			
				PROCESS HEATERS, 3	CO	.20LB/MMBTU GAS	B*
						.30LB/MMBTU OIL	B*
					NOX	.20LB/MMBTU GAS	B*
						.30LB/MMBTU OIL	B*
					PM	.10LB/MMBTU	N*
					SO2	.10GR/DSCF H2S,GAS	N*
						.50% S OIL	N*
					VOC	.20LB/MMBTU GAS	B*
						.30LB/MMBTU OIL	B*
HILL PETROLEUM CO.	LA (R)PSD-LA-286A		M	BOILER	CO	4.00LB/MMBTU GAS	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.16 PETROLEUM INDUSTRY -- OTHER — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
BEAR CREEK STORAGE	LA PSD-LA-85		M	GAS HEATERS, 3	NOX	2.10LB/H	B*
				I.C. COMPRESSOR, 4	CO	1.40G/HP-H	B*
					NOX	11.70G/HP-H	B*
				REGENERATOR HEATERS, 3	NOX	.40LB/H	B*
CHEVRON USA, INC.	UT	525600.00MMGAL/YR	M	SEPARATOR			
COLORADO INTERSTATE GAS	OK (R)PSD-OK-358		N	BOILER	CO	.05LB/H	B*
					NOX	.32LB/H	B*
					PM	.01LB/H	B*
					SO2	.00LB/H	B*
				COMPRESSOR ENGINE	CO	.00G/HP-H	B*
					NOX	.00G/HP-H	B*
					SO2	.00G/HP-H	B*
					VOC	.00G/HP-H	B*
				EMERGENCY GEN.	CO	1.40G/HP-H	B*
					NOX	10.90G/HP-H	B*
					SO2	.00G/HP-H	B*
					VOC	.84G/HP-H	B*
HOUSTON PIPE LINE CO.	TX TX-313		M	DEHYDRATORS, 2	NOX	.15LB/H	B*
						.12LB/MMBTU	B*
				I.C. ENGINES, 4 TURBO.	NOX	60.80LB/H	B*
						11.50/HP-H	B*
OASIS PIPELINE CO.	TX		M	COMPRESSOR ENGINE	CO	1.40G/HP-H	B*
					NOX	6.86G/HP-H	B*
					VOC	.70G/HP-H	B*
ODESSA NATURAL CORP.	TX (R)PSD-TX-368		M	I. C. ENGINES, 2 EA	CO	2.20G/HP-H	B*
					NOX	6.50G/HP-H	B*
				TURBINE	CO	.50G/HP-H	B*
					NOX	1.30G/HP-H	B*
PANHANDLE EAST. PIPELINE	OK (R)PSD-OK-330		M	I.C. ENGINE	CO	5.50G/HP-H	B*
					NOX	11.50G/HP-H	B*
				I.C. ENGINE, 3 EA	CO	4.80G/HP-H	B*

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SOURCE TYPE CODE 5.16

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.61 ALCOHOL FUEL PRODUCTION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
MAPEE ALCOHOL FUEL, INC. (CONTINUED)							
				TRUCK LOADING OF BOILER ASH	PM	6.30LB/H	B*
				2 H2SO4 STORAGE TANKS	SO2	.04LB/H EA	B*
				2 TRANSFER OF MILO POINTS	PM	.16LB/H EA	B*
				3 GRAIN CONVERGING POINTS	PM	.00LB/H EA	B*
				4 MILLING OF MILO POINTS	PM	1.10LB/H EA	B*
NEBRASKA ALCOHOL FUEL CO*	NE	10.00MMGAL/YR	N	BOILER	NO2	.50LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.16LB/MMBTU	
NEW ENERGY CORP.	IN EPA-5-A-82-1		N	COAL-FIRED BOILER	NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	L*
					SO2	1.20LB/MMBTU 3 H AV	
				OIL-FIRED BOILER	NOX	.60LB/MMBTU	
					PM	.02LB/MMBTU	L*
					SO2	.31LB/MMBTU	
PEAT METHANOL ASSOCIATES	NC 4930		N	PEAT BOILER	PM	9.70LB/H	
						.03LB/MMBTU	
					SO2	153.00LB/H	
						.51LB/MMBTU	
				PEAT DRYER	PM	3.20LB/H	
					SO2	10.70LB/H	
						.20LB/MMBTU	
				SULFUR RECOVERY	SO2	23.00LB/H	
ROCK ISLAND LIQUID FUELS*	IL 81100017	20.00MMGAL/YR	N	DISTILLATION ETHANOL STORAGE	VOC	2.18LB/H	
				GRAIN HANDLING & STORAGE	PM	4.53LB/H	
				NAT. GAS FIRED BOILER	CO	.43LB/H	
					NOX	4.50LB/H	
					SO2	.02LB/H	

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SOURCE TYPE CODE 6.62

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.12 OTHER FOOD & AGRICULTURAL — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
BOONE VALLY COOP.	IA	45.00MMBU/YR	M	COAL-FIRED BOILER	NOX .60LB/MMBTU	
					SO2 2.00LB/MMBTU	
				MEAL COOLER	VOC .20GAL/T SOYBEAN *	
				MEAL DRYER	VOC .25GAL/T SOYBEAN *	
				MINERAL OIL SCRUBBER	VOC .07GAL/T SOYBEAN *	
CAMPBELL SOUP CO.	NC NC-065	113.00MMBTU/H EA	N	BOILER	SO2 1.30LB/MMBTU	B*
CAMPBELL SOUP CO.	OH 0335010105		N	3 FLUIDIZED BED BOILERS		
					PM .10LB/MMBTU	
					SO2 1.60LB/MMBTU	
GENERAL FOODS CORP.	DE APC 83/074	243.00MMBTU/H	N	BOILER, COAL FIRED	NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 3.04LB/MMBTU	
GRIFFIN INDUSTRIES	IN			BOILER, COAL FIRED	NOX 183.00T/YR	
HTC INDUSTRIES	TX 8710		N	BATCH COOKERS, 6	OD* 100.000DOR UNITS	
				GAS/OIL FIRED BOILERS, 2	CO 3.30LB/H	
					NOX .30LB/H	
					PM .75LB/H	
					SO2 5.40LB/H	
				PLANT AIR FROM 6 BATCH COOKE*	OD* 100.000DOR UNITS	
KNAPPEN VYLACTOS MOLASSES	MN 181-81-I-1		M	DRYING DRUM	PM 1.94T/YR	B*
				FLUID BED CONVEYOR		
				SETTLING CHAMBER SEPARATION *		
LAND O'LAKES INC.	MN 787U-81-I-1	12.00MMLB/YR D*	M	SPRAY DRYER (MILK POWDER)		
					1.00T/YR	B*
PACIFIC ADHESIVES COMPAN*	TX 6690A		N	BLOOD DRYER		
				BLOOD DRYER, DRIED BLOOD HAN*	PM 3.00T/YR	
PRODUCERS COTTON OIL CO.	CA	18.00BALE/H	M	#2 CLEANER MOIST AIR FAN	PM .01GR/SCF	

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SOURCE TYPE CODE 7.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.1 ASPHALT BATCHING PLANTS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ALBANY	WI MAA-03-80-23-0*		N	ASPHALT MIX	PM	.04GR/DSCF	
ASPHALT PRODUCTS CORP.	SC PSD-SC-030	220.00T/H	N	ASPHALT PLANT	PM	53.00LB/H	B*
BERKS PRODUCTS CORP.	PA 79PA16	250.00T/H MAX	N	DRUM MIX ASPHALT PLANT	PM	6.01LB/H .04GR/DSCF	B* B*
B.R. AMON & SONS, INC.	WI ATT-05-80-65-0*	347.00T/H	N	DRUM MIX PLANT	PM	.04GR/DSCF	
C.F. CONSTRUCTION CO.	MS MS-028						
E.E. MOORE PAVING, INC.	WV 79WV02	120.00T/H	N	HOT MIX ASPHALT PLANT	PM	.03GR/DSCF 5.80LB/H	N* N*
E.J. BRENEMAN INC.	PA 79PA08	300.00T/H	M	DRUM MIX ASPHALT PLANT	PM	.01GR/DSCF 2.60LB/H	B* B*
FRANCIS O. DAY CO., INC.	MD 78MD10	200.00T/H	N	ASPHALT PLANT	PM	.03GR/DSCF 8.70LB/H	B* B*
GENNARO ASPHALT CO.,INC	OH PTI 02-793	400.00T/H	N	DRUM MIX ASPHALT CONCRETE PL*	PM	.04GR/DSCF	N*
HIGHWAY PAVERS, INC.	WI ATT-04-80-41-0*	414.00T/H 5% H2O	N	MIX PLANT	PM	.04GR/DSCF	
INDIANHEAD BLACKTOP INC	WI (R)MIA-10-KAM*		N	ASPHALT MIX	CO NOX PM SO2 VOC	5.58T/YR 5.58T/YR 5.40T/YR 110.21T/YR 27.90T/YR	N*
IVERSION CONSTRUCTION CO*	WI ATT-04-80-22-0*		N	FUGITIVE DUST MIX PLANT	PM	.04GR/DSCF	
J.F. CLECKLEY & CO.	SC PSD-SC-029	250.00T/H	M	ASPHALT	PM SO2	42.00T/YR 110.00T/YR	B*
J.H. RUDOLPH & CO., INC.	IN EPA-5-A-80-13			ASPHALT BATCH PLANT	PM	.04GR/DSCF	

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TABLE 8. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	.03LB/MMBTU	B*
				SRU FLARE	NOX	.12LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
				SULFUR RECOVERY UNIT	NOX	13.00LB/H	B*
					SO2	250.00PPM	N*
AMOCO TEXAS REFINING CO.	TX TX-101	50000.00BPSD	M	FURNACE, EXISTING HOT OIL	NOX	47.90LB/H	B*
				FURNACE, EXISTING PREHEAT	NOX	56.20LB/H	B*
				FURNACE, EXISTING REHEAT	NOX	63.20LB/H	B*
				FURNACE, EXISTING REHEAT	NOX	76.50LB/H	B*
				FURNACE, NEW DESULFURIZING	NOX	21.20LB/H	B*
AMOCO, CAVE CREEK	UT	250.00MMSCFD SO*	N	GLYCOL REBOILER	NOX	2.10T/YR	B*
					VE	20.00% OPACITY	
				REG GAS HEATER	NOX	3.60T/YR	B*
					VE	20.00% OPACITY	
				SO2 RECOVERY PLANT	NOX	67.50T/YR	B*
					SO2	825.00PPM	B*
						794.00LB/H	B*
				STAB REBOILER	NOX	9.20T/YR	B*
					VE	20.00% OPACITY	
				3 BOILERS	NOX	145.90T/YR	B*
					VE	20.00% OPACITY	
				8 HEATERS	NOX	.70T/YR	B*
					VE	20.00% OPACITY	
CALCASIEU REFIN.	LA (R)PSD-LA-293		M	HEATERS, 3 EA	NOX	.11LB/MMBTU	B*
				INCIN.	NOX	.10LB/MMBTU	B*
CAROLINA REFINING & DIST	GA GA 063	30000.00BPSD	N	PROCESS HEATERS	NOX	518.10T/YR	B*
					VOC	3326.20T/YR	B*
CHAMPLIN PETROLEUM CO.	TX TX-337		M	BOILERS, 3 (FUEL GAS ONLY)	NOX	5.60LB/H	B*
						.12LB/MMBTU	B*
					SO2	1.20LB/H	N*
						.03LB/MMBTU	N*
				EMERGENCY FLARE	NOX	.10LB/H	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				VACUUM UNIT FURNACE	SO2	2.20LB/H	B*
					CO	5.50LB/H OIL	B*
						.04LB/MMBTU OIL	B*
					CO	2.30LB/H GAS	B*
						.02LB/MMBTU GAS	B*
					NOX	45.00LB/H OIL	B*
						.30LB/MMBTU OIL	B*
					NOX	18.00LB/H GAS	B*
						.12LB/MMBTU GAS	B*
					PM	7.90LB/H OIL	B*
						.05LB/MMBTU OIL	B*
					PM	2.00LB/H GAS	B*
						.01LB/MMBTU GAS	B*
					SO2	70.00LB/H OIL	B*
						.47LB/MMBTU OIL	B*
					SO2	3.50LB/H GAS	N*
						.02LB/MMBTU GAS	N*
					VOC	1.10LB/H OIL	L*
						.01LB/MMBTU OIL	L*
					VOC	.40LB/H GAS	B*
						.01LB/MMBTU GAS	B*
				VALVES -- GAS VAPOR, 396	VOC	2.10LB/H	B*
				VALVES -- HEAVY LIQUID, 357	VOC	.20LB/H	B*
				VALVES -- LIGHT LIQUID, 268	VOC	.90LB/H	B*
PETRACO VALLEY OIL & REF*	TX TX-236		N	BOILER	CO	2.30LB/H	B*
						.01LB/MMBTU	B*
					NOX	31.70LB/H	B*
						.12LB/MMBTU	B*
					PM	1.90LB/H	B*
						.01LB/MMBTU	B*
					SO2	3.40LB/H	N*
						.01LB/MMBTU	N*
					VOC	.40LB/H	B*
						.00LB/MMBTU	B*
				COKER HEATER	CO	4.70LB/H	B*
						.01LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					1.50LB/MMBTU PROPA*	
					NOX .10LB/MMBTU GAS	
					.11LB/MMBTU PROPA*	
				HEATER, HYDROTREATER CHARGE	CO 4.00LB/MMBTU	
					NOX .06LB/MMBTU	
				HEATER, HYDROTREATER STABLIZ*	CO 4.00LB/MMBTU GAS	
					1.50LB/MMBTU PROPA*	
					NOX .06LB/MMBTU GAS	
					.04LB/MMBTU PROPA*	
				HEATER, REFORMER CHARGE	CO 4.00LB/MMBTU GAS	
					1.50LB/MMBTU PROPA*	
					NOX .06LB/MMBTU GAS	
					.04LB/MMBTU PROPA*	
				LIQUID PETROLEUM BARGES		
				LIQUID PETROLEUM PUMPS		
				LIQ. STORAGE TANKS (< 11.1 P*		
				LIQ. STORAGE TANKS (> 11.1 P*		
				REBOILER, REFORMER STABILIZER	CO 4.00LB/MMBTU GAS	
					1.50LB/MMBTU PROPA*	
					NOX .06LB/MMBTU GAS	
					.04LB/MMBTU PROPA*	
				REBOILER, STABILIZER (GASOLI*	CO 4.00LB/MMBTU	
					NOX .06LB/MMBTU	
MIAMI VALLEY REFIN. CO.	IN PC(15)1485		N	FBC COAL FIRED BOILER	PM .06LB/MMBTU	
					SO2 .14LB/MMBTU	
MITCHELL ENERGY	TX (R)PSD-TX-139	10.00MBPSD	N	BOILER	VOC .00LB/MMBTU	B*
				CRUDE UNLOAD	VOC 2.62LB/MMBTU	B*
				DIESEL STORAGE TANKS, 2	VOC .12LB/MMBTU	B*
				FLARE	VOC .05LB/MMBTU	B*
				HEATERS, 2	VOC .00LB/MMBTU	B*
				KEROSENE STORAGE TANKS, 2	VOC .16LB/MMBTU	B*
				NALTHA STORAGE TANKS, 2	VOC .37LB/MMBTU	B*
				PROCESS DRAINS	VOC .16LB/MMBTU	B*
				PRODUCT UNLOAD	VOC 1.48LB/MMBTU	B*
				PUMP SEALS	VOC 4.17LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.16 PETROLEUM INDUSTRY -- OTHER

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PANHANDLE EAST. PIPELINE	OK (R)PSD-OK-329		M	I. C. ENGINE, 2 EA	NOX	6.00G/HP-H	B*
					CO	9.00G/HP-H	B*
PANHANDLE EAST. PIPELINE	TX (R)PSD-TX-321		M	COMPRESSOR ENGINE	NOX	9.00G/HP-H	B*
					CO	5.70G/HP-H	B*
					NH3	.01LB/H	B*
					NOX	11.50G/HP-H	B*
PANHANDLE EAST. PIPELINE	TX PSD-TX-322		M	I.C. ENGINES, 3	VOC	1.70LB/H	B*
					CO	5.70G/HP-H	B*
PANHANDLE EAST. PIPELINE	TX (R)PSD-TX-320		M	COMPRESSOR ENGINE	NOX	11.50G/HP-H	B*
					CO	5.70G/HP-H	B*
					NH3	.68LB/H	B*
					NOX	11.50G/HP-H	B*
SHELL OIL CO.	MI 617-82		N	GAS SWEETENING FACILITY	VOC	13.50LB/H	B*
					SO2	184.00LB/H	
SHELL OIL CO.	MS MS 025	8200.00BBL/D	M	CO2 INJECTION		540.00LB/H	
SOUTHERN NAT. GAS	LA (R)PSD-LA-406		M	I.C. ENGINES, 2 EA	NOX	11.00G/HP-H	B*
SOUTHERN NAT. GAS	LA (R)PSD-LA-267		M	I.C. ENGINE	CO	4.00LB/H	B*
					NOX	182.00LB/H	B*
SUN GAS CO.	TX (R)PSD-TX-R72		M	COMPRESSOR	CO	1.20G/HP-H	B*
					NOX	9.10G/HP-H	B*
				COMPRESSOR ENGINE, 2	CO	1.20G/HP-H	B*
					NOX	9.10G/HP-H	B*
TEXACO, INC.	LA (R)PSD-LA-382		M	I.C. ENGINE 1	CO	10.00G/HP-H	B*
				I.C. ENGINE 2	NOX	10.00G/HP-H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AIRCO CARBIDE, DIV. OF A*	KY C-80-28	88000.00T/YR	N	ELECTRIC ARC FURNACE			
AIRCO SPEER	PA 79-PA-26		N	COKE BURNING KILN, 2	CO	.08LB/H	B*
					PM	1.74LB/H	B*
				KILN, 2	SO2	.44LB/H	B*
					CO	.08LB/H	B*
					PM	1.74LB/H	B*
AIRCO SPEER	PA 80PA06	15900.00T/YR			SO2	.44LB/H	B*
			M	GRAPHITIZING FURNACE	CO	545.00LB/H	B*
					H2S	5.30LB/H	B*
					PM	18.30LB/H	B*
					SO2	30.50LB/H	B*
AIRCO SPEER CARBON GRAPH*	LA LA-283				SO2	55.50LB/H	B*
			N	CALCINER BOILER, GAS, OIL	CO	5.70LB/H	B*
					PM	5.70LB/H	B*
					SO2	171.60LB/H	B*
				CARBOTTOM BAKING, 4	CO	.47LB/H EA	B*
					PM	17.80LB/H EA	B*
				COKER, OIL/GAS	SO2	45.13LB/H EA	B*
					CO	2.20LB/H	B*
					PM	4.40LB/H	B*
					SO2	62.86LB/H	B*
				CONDENSER PRIMARY TAR TANK M*	PM	.05LB/H	B*
				CONDENSER, PRIMARY PITCH TAN*	PM	.04LB/H EA	B*
				CONDENSER, SECONDARY PITCH T*	PM	.01LB/H EA	B*
				CONDENSER,PRIMARY PITCH TANK*	PM	.04LB/H EA	B*
				DUST COLLECTOR MILL, MIX AND*	PM	.69LB/H	B*
				DUST COLLECTOR MILL, MIX AND*	PM	1.37LB/H EA	B*
				DUST COLLECTOR Q.C. & I. LAB.	PM	.21LB/H	B*
				DUST COLLECTOR, FINISHING & *	PM	1.29LB/H	B*
				DUST COLLECTOR, MAINTENANCE *	PM	.13LB/H	B*
				DUST COLLECTOR, PROCESS MATE*	CO	.05LB/H	B*
					PM	1.29LB/H	B*
				DUST COLLECTOR, PROCESS MATE*	PM	1.03LB/H	B*
				FURNACE, NAT. GAS	CO	.11LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.12 OTHER FOOD & AGRICULTURAL — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				MG LINT CLEANER	PM	.00GR/SCF	
				MOTES	PM	.01GR/SCF	
				MOTES ROBBER (2ND CUT)	PM	.03GR/SCF	
				WAGON SUCTION	PM	.01GR/SCF	
R. J. REYNOLDS	NC	248.00MMBTU/H, *	N	ASH HANDLING	PM	.04LB/T	B*
				BOILER, PULVERIZED COAL FIRE*	BE	.00GM/MMBTU	B*
					CO	.04LB/MMBTU	B*
					FL*	.00LB/MMBTU	B*
					HG	.00GM/MMBTU	B*
					NO2	.70LB/MMBTU	N*
					PB	.00GM/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
					VOC	.01LB/MMBTU	B*
				CIGARETTE MFG	FU*	.21LB/T	B*
					PM	.25LB/T	B*
					VOC	11.63LB/T	
				COAL STORAGE PILE	FU*	.01LB/T	B*
				UNLOADING COAL FROM RAIL CARS	FU*	.11GR/T	L*
				VEHICLE TRAFFIC	FU*	7.20LB/D	
R. J. REYNOLDS TOBACCO C*	NC 00405-0004-P	302.60MMBTU/H	M	BOILER	NO2	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
					VE	20.00% OPACITY	L*

SOURCE TYPE CODE -- 8.1 PRIMARY ALUMINUM PRODUCTION

ALCOA	NC NC 078	180500.00T/YR	M	ANODE PRODUCTION	PM	9.00LB/H	
					SO2	13.00LB/H	
					VOC	5.00LB/H	
				POT LINE 3	CO2	1444.00LB/H	

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SOURCE TYPE CODE 8.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.1 ASPHALT BATCHING PLANTS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
KEOWN SUPPLY CO.	TX 8781	230.00T/H	N	DRUM MIXER	PM	9.00LB/H	
					SO2	8.00LB/H	
KOKOSING MATERIALS, INC	OH 0342000022P001		N	ASPHALT CONCRETE PLANT	PM	.04GR/DSCF	N*
L.A. REYNOLDS	NC NC-053	130.00T/YR HOT *	N	ROTARY DRYER	PM	25.20T/YR	B*
MARVIN V. TEMPLETON AND *	VA 79VA04	160.00T/H	N	HOT MIX ASPHALT PLANT	PM	6.40LB/H	B*
MATHY CONSTRUCTION CO.	WI MIA-CMB(DLJ)-8*	495.00T/YR		DRUM MIX ASPHALT PLANT	PM	.04GR/DSCF	N*
MATHY CONSTRUCTION CO. P*	WI MAA-03-80-42-0*		N	MIX PLANT	PM	.04GR/DSCF	
MILLCREEK TOWNSHIP	PA 79PA05	40.00T/H	N	DRUM MIX ASPHALT PLANT	PM	.04GR/DSCF	B*
						20.00% CAPACITY MAX	B*
MILLER ASPHALT PRODUCTS,*	MD 79MD01	2000.00T/YR	N	PLANT	PM	.03GR/DSCF	B*
						6.80LB/H	B*
MORGANTOWN ASPHALT CO.	WV 79WV05	366.00T/H	N	ASPHALT BATCH PLANT	PM	.04GR/DSCF	B*
						13.63LB/H	B*
M.A. LAYMAN & SONS	VA 79VA06	240.00T/H	N	HOT MIX ASPHALT PLANT	PM	.04GR/DSCF	B*
						7.30LB/H	B*
					SO2	2.00% S FUEL BY WT	B*
PAYNE & DOLAN INC.	WI (R)MIA-IRS-82*	400.00T/H	N	ASPHALT MIX	CO	14.17T/YR	
					NOX	170.30T/YR	
					PM	48.36T/YR	N*
					SO2	90.22T/YR	
					VOC	2.83T/YR	
PAYNE & DOLAN INC., WAUK*	WI ATT-04-80-20-0*	300.00T/H	N	FUGITIVE DUST			
				MIX PLANT	SO2	.50	
					PM	.04GR/DSCF	

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SOURCE TYPE CODE 9.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.1 ASPHALT BATCHING PLANTS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PENDLETON CONSTRUCTION C*	VA 79VA10	300.00T/H	M	BARBER-GREEN ASPHALT PLANT	PM	13.50LB/H	B*
						20.00% OPACITY	B*
REIN, SCHULTZ, & DAHL	WI (R)MIA-10-DLJ*		N	ASPHALT MIX	CO	41.60T/YR	
						.40T/YR, ACTUAL	
					NOX	39.00T/YR	
						.40T/YR, ACTUAL	
					PM	18.56T/YR	
						.05T/YR, ACTUAL	
					PM	.04GR/DSCF	
					SOX	83.10T/YR	
						.80T/YR, ACTUAL	
					VE	20.00% OPACITY	
					VOC	219.00T/YR	
						2.00T/YR, ACTUAL	
RGK INDUSTRIES	NC NC-062	300.00T/YR HOT *	N	ASPHALT	PM	36.00T/YR	B*
ROCKROAD OF WISCONSIN	WI MIA-10-KJC-82-*	400.00T/H	N	ASPHALT MIX	NOX	8.40T/YR	
					PM	8.90T/YR	
						.40GR/DSCF	
					PM	20.00% OPACITY	
					SOX	12.60T/YR	
RODNEY RASMUSSEN CO.	UT	210.00T/H	N	ASPHALT PLANT	PM	.04GR/DSCF	B*
STEELSTONE	ME	150.00T/H	N	AGGREGATE HANDLING & ROADS ASPHALT BATCHING ROADS	PM	.04GR/DSCF	N*
STORY ASPHALT-PAVING	AL AL-076	100.00T/H	N	ASPHALT BATCH 1	PM	.04GR/DSCF	N*
SUPERIOR SAND & ASPHALT *	WV 78WV01	250.00T/H	N	ASPHALT PLANT	PM	.04GR/DSCF	B*
						11.00LB/H	B*
SYKESVILLE CONSTPUCTION *	MD 78MD02	158.00T/H	N	PLANT	PM	7.30LB/H	B*
						.03GR/SCFD	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.1 ASPHALT BATCHING PLANTS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
THE HORVITZ CO.	OH 13-945	400.00T/H	N	HOT ASPHALT CONCRETE DRUM MI*	PM	.04GR/DSCF	B*
				HOT ASPHALT CONCRETE DRUM MI*	VE	20.00% OPACITY	
TRI-STATE ASPHALT CORP.	OH 06-669		N	BARBER-GREENE DM-66 ASPHALT *	PM	.04GR/DSCF	
WINDSOR SERVICES, INC.	PA 79PA06	185.00T/H	N	PLANT	PM	6.13LB/H	B*
ZARLENGO BROS., INC.	PA 79PA25	110.00T/H	N	ASPHALT BATCH PLANT	PM	.04GR/DSCF	B*
						4.50LB/H	B*
SOURCE TYPE CODE -- 9.2 BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS							
D. M. STEWARD CO.	TN 23-C,24-C,25-C		N	#1 SILO BIN VENT	PM	9.60LB/H	B*
				#2 SILO BIN VENT	PM	9.60LB/H	B*
				#3 SILO BIN VENT	PM	4.90LB/H	B*
GEORGIA KAOLIN CO.	GA (R)PSD-GA-073	281000.00T/YR		BAUER MILLS	PM	.02GR/DSCF	B*
				SPRAY DRYER	PM	.02GR/DSCF	B*
INTERNATIONAL AMERICAN C*	OK T81-14	130.00T/D	N	BISQUE DRYER	PM	.65LB/H	B*
				DRYER/KILNS	NOX	40.80T/YR	
				RAW MATERIALS PREP	PM	4.60LB/H	B*
				SPRAY DRYER	PM	4.60LB/H	B*
				TILE KILNS	PM	.65LB/H	B*
KAISER REFRACTORIES NATI*	CA (R)NCC 80-01		M	DOLORNILE KILNS, #3	NOX	192.00LB/H	
					SO2	61.10LB/H	
				DOLORNILE KILNS #1	NOX	79.70LB/H	
					SO2	41.90LB/H	
				DOLORNILE KILNS #2	NOX	79.70LB/H	
					SO2	41.90LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.2 BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
MILCHEM	AR (R)PSD-AR-144		N	HANDLING/STORAGE	PM	1.00LB/H	B*
				RAILCAR LOADOUT	PM	1.00LB/H	B*
				ROTARY DRYER	PM	4.20LB/H	B*
SOURCE TYPE CODE -- 9.3 REFRACTORIES							
JOHN MANSVILLE SALES CORP	TX PSD-TX-263			AL. STORAGE SILO	PM	.01LB/H	
				BOILER, 2	PM	.06LB/H	
				DOLOMITE LIME STORAGE			
				FIBER PROD. UNIT	PM	3.53LB/H	
				FIBER PROD. UNIT	PM	2.10LB/H	
				FIBER PROD. UNIT	PM	3.10LB/H	
				FIBER PROD. UNIT	PM	2.35LB/H	
				LIMESTONE STORAGE SILOS, 2			
				SILICA STORAGE SILO	PM	.01LB/H	
KAISER REFACTORIES	CA (R)NCC 80-02		M	KILNS, #1,2,3	NOX	515.00LB/H TOTAL	
SOURCE TYPE CODE -- 9.4 PORTLAND CEMENT MANUFACTURING							
CALIF. PORTLAND CEMENT CO	CA (R)SJ-78-73		M	CLINKER COOLER	PM	121.00LB/H	B*
				CLINKER TRANSFER			
				COAL MILL FOR KILN			
				COAL MILL FOR PREHEATER			
				CONVEYOR & TRANSFER, ADDITIV*			
				CONVEYORS & TRANSFER			
				CONVEYORS, CLINKER COOLER			
				DUMP HOPPER RECLAIM, ADDITIV*			
				HOMOGEN. SILOS RECLAIM			

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				HOMOGEN. SILOS, FEED SYS		
				HOMOGEN. & KILN, ROLLER MILL		
				KILN FEED		
				MILLS & SCREENS		
				PRECALCINER - KILN		
					PM 36.00LB/H	B*
					SO2 616.00LB/H	B*
				PRIMARY CRUSHER	PM 5.00LB/H	B*
				PROD. CONVEYOR, ROLLER MILL		
				PULVERIZER		
				RECLAIM CONVEYORS, ADDITIVES*		
				RECLAIM & CONVEYORS, LIMESTO*		
				ROLLER MILL & FEED, ROLLER M*		
				SAMPLE SYS, SURGE SILO		
				SAMPLE SYS, SURGE SILO RECLA*		
				SILOS RECLAIM, ROLLER MILL		
				SILOS, ROLLER MILL		
				STORAGE BLDG & STACKER, LIME*		
				STORAGE BUILDING, ADDITIVES *		
				TRUCK DUMP HOPPER, ADDITIVES*		
CREOLE CORP.	CA (R)5E-78-09	1.10MMT/YR	N	CLINKER COOLER	PM 10.20LB/H .01GR/DSCF EA	
				INPLANT ROADS		
				OTHER PM POINT SOURCES	PM .02GR/ACFM	
				PREHEATER/KILN MILL (2)	NOX 213.00LB/H 175.00PPM AT 10%O2	
					PM 23.70LB/H .02GR/DSCF EA	
					SO2 78.30LB/H 46.00PPM 10%O2	
					SO2 266.00LB/H 156.00PPM AT 10%O2	
				QUARRY HAUL ROADS	PM 10.00% OPACITY	
				RAW MATL. HANDLING & CONVEYI*	PM 10.00% OPACITY	
				RAW MATL. & COAL STOCKPILES		

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
DAL-TEX CEMENT	TX C-8996	2900.00T/D	N	CEMENT KILN			
				COAL HANDLING	PM	.30LB/T FEED	N*
				FINISH MILLS	VE	20.00% OPACITY	N*
					PM	78.00T/YR	
DIXIE CEMENT CO.	TN		N	CLINKER COOLER KILN	PM	15.87LB/H	B*
					NOX	110.00LB/H	B*
					PM	.30LB/T KILN FEED	
						33.09LB/H	
					SO2	4.16LB/H	
FLORIDA MINING & MATERIA*	FL FL-063	108.00T/H	M	CLINKER COOLER ROTARY KILN	PM	.07LB/T KILN FEED	B*
					PM	.20LB/T FEED	B*
IDEAL BASIC CEMENT	UT MIN 042582-.INT	100000.00T/YR	N	CEMENT BINS	PM	.02GR/DSCF	
KAISER CEMENT & GYPSUM C*	CA SFB-78-03	1.60MMT/YR	M	CLINKER COOLER	PM	5.30LB/H	
						.01GR/DSCF	
				KILN COAL SYS	PM	3.50LB/H	
						.02GR/DSCF	
				KILN-MILL, #1 & 2	NOX	1150.00LB/H	B*
					PM	18.00LB/H	
						.02GR/DSCF	
					SO2	481.00LB/H	B*
						185.00PPM	B*
				PRECALCINER COAL SYS	PM	3.50LB/H	
						.02GR/DSCF	
LAS VEGAS PORTLAND CEMENT	NV NSR-4-7-1 NV-8*	6000.00T/D	N	CLINKER COOLER, 2	PM	40.00LB/H	B*
						.01GR/DSCF	B*
				KILN, 2	VE	10.00% OPACITY	B*
					BE	.03LB/D	B*
					CO	30.00LB/H	B*
					NOX	281.00LB/H	B*
						115.00PPM	B*
					PM	98.00LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.01GR/DSCF	B*
					SO2	260.00LB/H 2 H AV	B*
						72.00PPM, 2 H AVG	B*
					SO2	150.00LB/H 30 D AV	B*
						44.00PPM, 30 D AVG	B*
					VE	10.00% OPACITY	B*
LONESTAR FLORIDA PENNSUC*	FL (R)PSD-FL-028	2000.00T/D	M	CEMENT KILN	PM	28.70LB/H	N*
				CLINKER COOLER	PM	14.30LB/H	N*
LONESTAR FLORIDA PENNSUC*	FL PSD-FL-050	137.00T/H	M	CEMENT KILN	PM	.01GR/ACF	N*
LONESTAR INDUSTRIES INC.	TX PSD-TX-174	1.00MMT/YR	M	ADDITIVE BIN	PM	.50LB/H	
				ADDITIVE RECLAIM TRANSFER	PM	.30LB/H	
				ADDITIVE RECLAIM TRANSFER	PM	.50LB/H	
				AIR SEPERATORS, 2	PM	3.90LB/H EA	
				CEMENT STORAGE SILO, 2	PM	.90LB/H EA	
				CLINKER BINS	PM	.10LB/H	
				CLINKER COOLER	PM	22.00LB/H	
				CLINKER COOLER DISCHARGE	PM	.30LB/H	
				CLINKER RECLAIM	PM	.90LB/H	
				CLINKER SCREENING	PM	.80LB/H	
				COAL MILL FEEDER - CALCINER	PM	.30LB/H	
				COAL MILL FEEDER - KILN	PM	.30LB/H	
				COAL RECLAIM TRANSFER	PM	.30LB/H	
				FEED ELEVATOR DISCHARGE	PM	.30LB/H	
				FEED ELEVATOR LOAD	PM	.30LB/H	
				FINISH MILL 1 & 2	PM	2.60LB/H EA	
				FRINGE BIN	PM	.30LB/H	
				HOMOGENIZING SILO	PM	1.30LB/H	
				HOMOGENIZING SILO DISCHARGE *	PM	.20LB/H	
				KILN MILL AND ALKALI BYPASS	NOX	360.00LB/H	
					PM	30.60LB/H	
					SO2	960.00LB/H	
				LIMESTONE BIN	PM	.50LB/H	
				LIMESTONE RECEIVING	PM	.20LB/H	
				LIMESTONE RECLAIM TRANSFER	PM	.30LB/H	

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
LONESTAR INDUSTRIES INC. (CONTINUED)							
				LIMESTONE STORAGE	PM	2.60LB/H	
				RAIL LOAD	PM	.70LB/H	
				RAW STORAGE FEED BELT	PM	.60LB/H	
				ROLLER MILL SURGE BIN	PM	.30LB/H	
				TRUCK AND RAIL UNLOAD	PM	.50LB/H	
				WASTE DUCT BIN	PM	.10LB/H	
LONESTAR INDUSTRIES INC.	WA (R)PSD-X82-03	750000.00T/YR	N	CEMENT KILN AND MILL	NOX	300.00LB/H	
						1314.00T/YR	
					PM	.01GR/ACF	
						20.80LB/H	
					SO2	275.00LB/H	
						1205.00T/YR	
				CLINKER COOLER	PM	.01GR/ACF	
						16.10LB/H	
				MATERIALS HANDLING EQUIP., 3*	PM	.01GR/ACF	
						5.00% OPACITY	
				QUARRY, STACKER-RECLAIMER, C*	PM	10.00% OPACITY	
LONESTAR PORTLAND CEMENT	UT	1.70MT/D	N	ADD. RECLAIM	PM	.51LB/H	B*
				AIR SEPARATOR	PM	3.86LB/H	B*
				ALKALI BYPASS	PM	3.00LB/H	B*
					VE	20.00% OPACITY	
				CEM SILO BUCKET	PM	.69LB/H	B*
				CEM SILO LDOUT	PM	2.14LB/H	B*
				CLK COOL ELEV	PM	.33LB/H	B*
				CLK COOLER	PM	11.10LB/H	B*
					VE	20.00% OPACITY	
				CLK RECL	PM	.58LB/H	B*
				COAL CRUSHER	PM	.59LB/H	B*
					VE	10.00% OPACITY	
				COAL MILL	PM	1.71LB/H	B*
					VE	10.00% OPACITY	
				COAL MILL SURGE	PM	.34LB/H	B*
				FINISH MILL	PM	2.57LB/H	B*
				FRINGE BIN	PM	.26LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				GYP BIN LDOUT	PM	.43LB/H	B*
				HI-LIME LDOUT	PM	.21LB/H	B*
				KILN GASES	NOX	1.60LB/T FEED	B*
						236.60LB/H	B*
					SO2	.60LB/T FEED	B*
						64.50LB/H	B*
				LIMESTONE RECL	PM	.51LB/H	B*
				PREHEAT BUCKET	PM	.17LB/H	B*
				PRIME CRUSHER	PM	2.15LB/H	B*
				RAW MATL BIN	PM	.26LB/H	B*
				RAW MATL BIN	PM	.17LB/H	B*
				RAW MATL RECL.	PM	.51LB/H	B*
				RAW MILL	PM	12.00LB/H	B*
					VE	20.00% OPACITY	
				RAWML SURGE BIN	PM	.51LB/H	B*
				SECOND CRUSHER	PM	1.03LB/H	B*
				SILO ELEVATOR	PM	.21LB/H	B*
				SILO RELCAIM	PM	.21LB/H	B*
				SILO TYPE II	PM	.86LB/H	B*
				SILO TYPE V	PM	.35LB/H	B*
				SILO 2 EA	PM	.51LB/H EA	B*
				SILO-CLK-1	PM	.26LB/H	B*
				SILO-CLK-2	PM	.26LB/H	B*
				TRANS CONVEY.	PM	1.03LB/H	B*
				TRANS TOWER	PM	.51LB/H	B*
				WASTE BIN	PM	.26LB/H	B*
MONOLITH PORTLAND CEMENT*	CA (R)SE 78-11	5.00MT/YR	M	CLINKER COOLER	PM	12.90LB/H	N*
						.01GR/DSCF	N*
				KILN DUST RECYCLE			
				ROTARY KILN	BE	21.40LB/H	N*
						.02GR/DSCF	N*
					NOX	260.00LB/H	B*
					PM	21.40LB/H	N*
						.03GR/DSCF	N*
					SO2	300.00LB/H	B*

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOUTHWESTERN PORTLAND CE*	TX (R)PSD-TX-352*	4000.00T/D	M	BLEND SILO	PM	1.23LB/H	B*
				CLINKER COOLER	PM	.10LB/T D FEED	N*
				CLINKER COOLER	PM	.40LB/H	B*
				CLINKER STORAGE BIN	PM	.16LB/H	B*
				CLINKER TRANSFER	PM	.48LB/H	B*
				COAL BIN	PM	.21LB/H	B*
				COAL CRUSHER	PM	.21LB/H	B*
				COAL MILL	PM	4.25LB/H	B*
				COAL TRANSFER	PM	.26LB/H	B*
				COAL UNLOAD	PM	.29LB/H	B*
				CONVEYOR TRANSFER	PM	3.52LB/H	B*
				DUST BIN	PM	.21LB/H	B*
				HOMOGINIZING SILO	PM	2.54LB/H	B*
				HOMOGINIZING SILO	PM	.16LB/H	B*
				KILN LEVEL TANK	PM	.79LB/H	B*
				KILN 1, COAL FIRED	SO2	1.12LB/MMBTU	B*
				KILN 2, COAL FIRED	SO2	.52LB/MMBTU	B*
				KILN 3, COAL FIRED	NOX	.32LB/MMBTU	B*
					PM	.30LB/T D FEED	N*
					SO2	.49LB/MMBTU	B*
				RAW MILL	PM	.71LB/H	B*
				RAW MILL	PM	1.19LB/H	B*
				ROAD OUT	PM	.01LB/H	B*
				STORAGE PILE	PM	.53LB/H	B*
				TRAFFIC AROUND PILE	PM	.05LB/H	B*
				TRAVELING STACKER	PM	.01LB/H	B*
				TRUCK DUMPING	PM	2.35LB/H	B*
				TRUCK LOAD	PM	5.84LB/H	B*
				2 CEMENT SILOS	PM	.32LB/H EA	B*
				2 CLINKER STORAGE BINS	PM	.32LB/H EA	B*
				3 CEMENT SILOS	PM	1.11LB/H EA	B*
				4 CLINKER TRANSFERS	PM	.21LB/H EA	B*
SOUTHWESTERN PORTLAND CE*	TX (R)PSD-TX-351	775.00T/D	M	ROTARY KILN, COAL FIRED	SO2	2.41LB/MMBTU	B*

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
TEXAS CEMENT CO.	TX TX-194	2750.00T/D	M	BLENDING SILOS	PM	3.10LB/H	B*
				CEMENT BAG PACKING	PM	1.80LB/H	B*
				CLINKER COOLER	PM	6.60LB/H	B*
				COAL & GYPSUM HANDLING	PM	3.20LB/H	B*
				FINISH MILL	PM	6.00LB/H	B*
				FINISH SILO	PM	2.10LB/H	B*
				KILN AND RAW MILL	NOX	240.00LB/H	B*
					PM	33.70LB/H	B*
					SO2	416.00LB/H	B*
				MATERIAL CRUSHING	PM	5.90LB/H	B*
SOURCE TYPE CODE -- 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING							
ASH GROVE CEMENT CO.	NE	1800.00T/D		CLINKER COOLER COAL GRINDING SYS KILN FEED SYS	PM	.01GR/ACFM	
				KILN	PM	.01GR/ACFM	
ATLANTIC CEMENT CO., INC.	MD 03-6-0932	100.00T/H	N	BARGE AND SHIP LOADING	PM	.02GR/DSCF	L*
				CONVEYING & MILLING	PM	.02GR/DSCF	L*
				FLUIDIZED BED SLAG DRYER	PM	.02GR/DSCF	L*
				ROADS			
				STOCKPILES			
BANKS CONSTRUCTION CO.	SC PSD-SC-032	375.00T/H	N	CEMENT KILN	PM	17.50LB/H	N*
BEEHIVE CEMENT, SANTAGUI*	UT	1.50MT/D	N	BIN FEED-CLK	PM	.50LB/H	B*
					VE	10.00% OPACITY	
				CEM MILL FD	PM	.70LB/H	B*
					VE	10.00% OPACITY	
				CEM ML CIRC	PM	2.00LB/H	B*
					VE	10.00% OPACITY	
				CEM PACK SYS	PM	.70LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					VE	10.00% OPACITY	
				CEM SILO B&KF	PM	1.10LB/H	B*
					VE	10.00% OPACITY	
				CEM SILO COLL. 8 EA	PM	.30LB/H EA	B*
					VE	10.00% OPACITY	
				CEM SILO LDOUT 4 EA	PM	.70LB/H EA	B*
					VE	10.00% OPACITY	
				CEM SILO TOP	PM	1.50LB/H	B*
					VE	10.00% OPACITY	
				CLK CONV SYS, 4	PM	.50LB/H	B*
					PM	.30LB/H	B*
					PM	.30LB/H	B*
					PM	1.80LB/H	B*
					VE	10.00% OPACITY	
				CLK COOL VENT	PM	10.35LB/H	B*
					VE	10.00% OPACITY	
				COAL RECL BIN	VE	10.00% OPACITY	B*
				COAL RECL PILE	VE	10.00% OPACITY	B*
				GYP BIN FEED	PM	.50LB/H	B*
					VE	10.00% OPACITY	
				INACT.PILE ERO	VE	10.00% OPACITY	B*
				KILN			
					SO2	.47LB/T FEED	B*
				KILN/RAWML EXH	PM	14.30LB/H	B*
					VE	20.00% OPACITY	
				LIMESTN BINFD	PM	.40LB/H	B*
					VE	10.00% OPACITY	
				LIMESTONE CONV			
				LIVE PILE EROS			
				RAW MATL BIN FD	PM	.70LB/H	B*
					VE	10.00% OPACITY	
				RAW MATL TRANS.	PM	.30LB/H	B*
					VE	10.00% OPACITY	
				RAWML ADD CRUSH	PM	1.10LB/H	B*
					VE	10.00% OPACITY	
				RAWML CIR EQ	PM	.50LB/H	B*
					VE	10.00% OPACITY	

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SOURCE TYPE CODE 9.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				RAWML FD SYS	PM	1.10LB/H	B*
					VE	10.00% OPACITY	
MARTIN MARIETTA-LEAMINGT*	UT	1.80MT/D	N	ALKALI BYPASS	PM	8.20LB/H	B*
				ALKALI BYPASS	PM	.30LB/H	B*
				ALKALI BYPASS	VE	20.00% OPACITY	
				BLEND & KILN FEED	PM	.80LB/H	B*
					VE	10.00% OPACITY	
				BURN/COOL	PM	10.20LB/H	B*
				BURN/COOL	PM	.40LB/H	B*
				BURN/COOL	PM	.40LB/H	B*
				BURN/COOL	VE	10.00% OPACITY	
				BURN/COOL	VE	10.00% OPACITY	
				COAL STOR. & ML	PM	.20LB/H	B*
				COAL STOR. & ML	PM	3.10LB/H	B*
				COAL STOR. & ML	VE	10.00% OPACITY	
				COAL STOR. & ML	VE	10.00% OPACITY	
				CRUSHING	PM	3.10LB/H	B*
					VE	10.00% OPACITY	
				FINISH GRIND	PM	1.40LB/H	B*
				FINISH GRIND	PM	5.00LB/H	B*
				FINISH GRIND	PM	2.30LB/H	B*
				FINISH GRIND	VE	10.00% OPACITY	
				FINISH GRIND	VE	10.00% OPACITY	
				KILN SYS	NOX	101.50LB/H	B*
						.80LB/T FEED	B*
					SO2	98.80LB/H	B*
						.77LB/T FEED	B*
				QUARRY I	VE	10.00% OPACITY	B*
				QUARRY II	PM	10.00% OPACITY	B*
				RAW MATL STORAGE	PM	1.50LB/H	B*
					VE	10.00% OPACITY	
				RAW MILL	PM	18.20LB/H	B*
					VE	20.00% OPACITY	
				SILO/LDOT-COAL	PM	.90LB/H	B*
				SILO/LDOT-COAL	PM	.60LB/H	B*
				SILO/LDOT-COAL	VE	10.00% OPACITY	

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SOURCE TYPE CODE 9.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
MARTIN MARIETTA-LEAMINGT* (CONTINUED)							
				SILO/LDOT-COAL	VE	10.00% OPACITY	
				STORAGE PILES	VE	10.00% OPACITY	B*
				2ND BLEND & KILN FEED	PM	.30LB/H	B*
					VE	10.00% OPACITY	
SOURCE TYPE CODE -- 9.6 COAL CLEANING							
ETSI	AR 700-A	15500.00T/D	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				THERMAL DRYER,9	PM	.03GR/DSCF	
ETSI	AR 705-A	15900.00T/D	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				THERMAL DRYER	PM	.03GR/DSCF	
SOUTHERN CA EDISON COALW*	CA SE80-01			COAL GASIFICATION UNIT	CO	77.00LB/H 3H AV	
						50.00PPMV, DRY, DAY*	
					SO2	4.40LB/H SELEXOL	
						196.00LB/H SLOT/CLAUS	
				GAS TURBINE	CO	77.00LB/H 3H AV	
						50.00PPMV, DRY, DAY*	
					NOX	140.00LB/H 3H AV	
						50.00PPMV, DRY, DAY*	
					SO2	35.00LB/H <.7% S FU*	
						175.00LB/H >.7% S FU*	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.7 COAL CLEANING (THERMAL DRYER) REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CONSOL PENNSYLVANIA COAL*	PA 82PA01	1.46MMT/YR DRY	N	THERMAL DRYER	NOX	.60LB/MMBTU	
					PM	.03GR/DSCF	N*
					SO2	1.90LB/MMBTU	
METTIKI COAL	MD		N	THERMAL DRYERS	PM	.01GR/DSCF	
						31.70LB/H	
					SO2	20.50PPM	
						78.60LB/H	
SOURCE TYPE CODE -- 9.8 GLASS FIBER MANUFACTURING							
CERTAINTEED CORP.	CA (R)SJ 80-02		M	FURNACE, GLASS MELTING	NOX	55.90LB/H GAS	
						40.00LB/H OIL	
PPG INDUSTRIES	TX (R)PSD-TX-290		N	BOILERS, 2	NOX	4.80LB/H	B*
						.23LB/MMBTU	B*
					PM	.30LB/H	
						.01LB/MMBTU	
					SO2	.01LB/H	B*
						.00LB/MMBTU	B*
				DRYING OVENS, 12	NOX	.20LB/H	B*
						.21LB/MMBTU	B*
					PM	.01LB/H	
						.01LB/MMBTU	
					SO2	.01LB/H	B*
						.01LB/MMBTU	B*
				GLASS MELTING FURNACE, 2	FL*	4.10LB/H N. GAS	
						.06LB/MMBTU N. GAS	
					FL*	4.10LB/H FUEL OIL	
						.06LB/MMBTU FUEL *	
					NOX	109.00LB/H N. GAS	B*
						1.51LB/MMBTU N. GAS	B*
					NOX	.85LB/H FUEL OIL	B*

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SOURCE TYPE CODE 9.8

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.8 GLASS FIBER MANUFACTURING — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					1.18LB/MMBTU FUEL *	B*
					PM 3.00LB/H N. GAS	N*
					.04LB/MMBT NAT. G*	N*
					PM 3.45LB/H FUEL OIL	N*
					.05LB/MMBTU FUEL *	N*
					SO2 59.00LB/H N. GAS	B*
					.81LB/MMBTU N. GAS	B*
					SO2 93.50LB/H FUEL OIL	B*
					1.30LB/MMBTU FUEL *	B*
				MATERIAL HANDLING FACILITIES*	PM .33LB/H	
				POST BAKE OVENS	NOX .13LB/H	B*
					.23LB/MMBTU	B*
					PM .01LB/H	
					.02LB/MMBTU	
					SO2 .00LB/H	B*
					.00LB/MMBTU	B*
SOURCE TYPE CODE -- 9.9 FRIT MANUFACTURING						
GUARDIAN INDUSTRIES CORP.	TX	600.00T/D	N	GLASS MELTING FURNACE STACK	NOX .50LB/T	B*
					PM .06LB/T	B*
					SO2 .13LB/T	B*
SOURCE TYPE CODE -- 9.11 GLASS MANUFACTURING						
BALL CORP.	CA SAC-79-02		N	FURNACE, BOTTLE GLASS MELTING	NOX 6.30LB/T GLASS PUL* 75.00LB/H	
GUARDIAN INDUSTRIES CORP.	CA SJ-78-86		N	GLASS MELTING FURNACE #2	NOX 340.00LB/H	B*

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SOURCE TYPE CODE 9.11

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.11 GLASS MANUFACTURING — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	12.20LB/H	N*
PPG INDUSTRIES	IL C 912026	750.00T/D	M	FLOAT GLASS PLANT	NOX	13.00LB/T GLASS PROD	
					PM	.60LB/T GLASS PRO*	N*
					SO2	1.60LB/T GLASS PROD	
PPG INDUSTRIES	MD 79MD05	8.00T/H	M	GLASS FURNACE	NOX	1.46LB/MMBTU	B*
					PM	11.50LB/H	B*
					SO2	8.00LB/H	B*

SOURCE TYPE CODE -- 9.12 GYPSUM MANUFACTURING

CONTINENTAL LIME, INC	UT	150.00MT/YR	M	CALC. PLANT	PM	.30LB/T FEED	B*
					VE	10.00% OPACITY	
				COAL BIN STOR	PM	.00LB/H	B*
					VE	20.00% OPACITY	
				FINISH PROD CRUSH	PM	4.20LB/H	B*
					VE	20.00% OPACITY	
U.S. GYPSUM	TX PSD-TX-255	425.00MMCF/YR	M	CALCINED GYPSUM STORAGE BIN	PM	.30LB/H	
				DRYING KILNS, 6	PM	.70LB/H	
				END SAWING EQUIPMENT	PM	3.00LB/H	
				LAND PLASTER STORAGE BIN	PM	.30LB/H	
				MACHINE DRY MIXING EQUIP.	PM	1.20LB/H	
				POST STUCCO TREATMENT EQUIP.	PM	.60LB/H	
				STORAGE PILE	PM	1.50LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.13 LIME MANUFACTURING

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ARMCO INC. - PIQUA MINER*	OH 08-362	40000.00LB/H	N	LIMESTONE CLASSIFIER	PM	.02GR/DSCF	B*
						5.00LB/40000 LB PE*	B*
CHEMSTONE CORP.	VA 20252		M	COAL HANDLING	PM	1.32T/YR	
				LIME KILN, COAL FIRED	PM	.20LB/T LIMESTONE*	
DAN RIVER, INC.	VA 30242		M	LIME MANUFACTURING PLANT	PM	4.50LB/H	
						16.20T/YR	
DOMTAR INDUSTRIES, INC.	PA 80PA02	10.40T/H QUICK*	M	ROTORY KILN,NO.1 COAL-FIRED	NOX	1.50LB/T LIMESTONE	B*
					PM	.18LB/T LIMESTONE	N*
					SO2	1.13LB/T LIMESTONE	B*
J.E. BAKER CO.	OH EPA-5-A-80-15		M	LIME KILN	PM	.03GR/DSCF	

SOURCE TYPE CODE -- 9.14 MINERAL WOOL MANUFACTURING

TEXACO, INC.	CA NCC-78-04		M	STEAM GEN., 3 EA	SO2	.58LB/MMBTU	B*
						2.00%S FUEL OIL	B*
				WASTE GAS INCIN.	SO2	9.00LB/H	B*
U.S. GYPSUM	IN EPA-5-A-80-14		N	CUPOLA	CO	61.00LB/H	
				SPINNER PRIMARY & SECOND. CYC	PM	9.00LB/H	
U.S. GYPSUM	OH EPA-5-A-80-16		N	CUPOLA	CO	5.35LB/T PROC. WT.	
						32.00LB/H MAX	
					PM	.15LB/T PROC. WT.	
						.90LB/H MAX	
					SO2	1.60LB/T PROC. WT.	
						9.60LB/H MAX	
				FIBERIZATION PROCESS (FIBERI*	PM	.52GR/CF	
						179.00LB/H	

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SOURCE TYPE CODE 9.14

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.14 MINERAL WOOL MANUFACTURING

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS

SOURCE TYPE CODE -- 9.15 PERLITE MANUFACTURING

CAROLINA STALITE	NC NC-082		N	KILN, 2 EA	PM	16.00LB/H EA	B*
					SO2	1.20LB/MMBTU EA	B*

SOURCE TYPE CODE -- 9.16 PHOSPHATE ROCK PROCESSING

ESTECH GENERAL CHEMICALS	FL PSD-FL-036		N	ROCK DRYER	PM	.02GR/DSCF	N*
MOBIL CHEMICAL CO.	FL AC53-2005	475.00T/H ROCK *	M	ROCK DRYER	PM	52.00LB/HT	B*
						24.90LB/H	B*
					SO2	19.40LB/H	

SOURCE TYPE CODE -- 9.17 STONE QUARRYING, SAND/GRAVEL

COAL INDUSTRY SERVICES C*	VA 79VA11	50.00T/H	M	ROTARY AGGREGATE DRYER	FU*	20.00% OPACITY	B*
					PM	2.60LB/H	B*
CONCRETE MATERIALS INC.	NY NONE	2000.00T/D	N	CONVEYERS	PM	20.00% OPACITY	S*
				DROP POINTS			
				1, 2, 3 ROCK CRUSHERS	PM	70.00T/YR	S*
GAF CORP.	PA 79-PA-20	120.00T/H	M	CRUSHER	PM	.31LB/H	B*
				CRUSHING	PM	2.10LB/H	B*
				MILL #1	PM	1.09LB/H	B*

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SOURCE TYPE CODE 9.17

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.17 STONE QUARRYING, SAND/GRAVEL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				MILL #2	PM	2.11LB/H	B*
				MILL #3	PM	1.92LB/H	B*
				STORAGE	PM	.62LB/H	B*
MARTIN MARIETTA AGGREGAT*	IN PC(10)1483		N	HAMMERMILL CRUSHER	PM	.18LB/H	
MARYLAND MATERIALS, INC.	MD 78MD06	1.12MMT/YR	N	TERTIARY CRUSHING & SCREENING	PM	6.48LB/H	B*
MID-CONTINENT MATERIALS,*	OK T79-004		N	CONVEYORS	PM	13.30LB/H	
				PRIMARY CRUSHER	PM	1.80LB/H	
				RECRUSH/SCREEN	PM	1.10LB/H	
				SECONDARY CRUSHER	PM	1.10LB/H	
				STOCKPILES	PM	12.20LB/H	
				TRUCK LOADING	PM	7.80LB/H	
WALDRON CRUSHED STONE CO.	IN PC(73)1478	400.00T/H	N	PRIMARY & SECONDARY CRUSHER	PM	117.00T/YR	

SOURCE TYPE CODE -- 9.18 TACONITE ORE PROCESSING

CONOCO, INC.	OH 06-552		N	GASIFIER	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	
TENNESSEE EASTMAN CO.	TN			GASIFIER	CO	.56LB/H	B*
					H2S	.01LB/H	B*
				SULFUR RECOVERY	CO	.63LB/H	B*
					VOC	.45LB/H	L*
TENNESSEE EASTMAN CO.	TN		N	BOILER, 2	CO	.07LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.04LB/MMBTU	L*
					SO2	1.20LB/MMBTU	B*
					VOC	.03LB/MMBTU	L*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.18 TACONITE ORE PROCESSING — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS

SOURCE TYPE CODE -- 9.19 MINING OPERATIONS

SHELL OIL CO.-BUCKSKIN M*	WY	6.00MMT/YR		SURFACE MINE		

SOURCE TYPE CODE -- 9.21 OTHER MINERAL PRODUCTS INDUSTRY

AM MATERIALS CONSTRUCTION	WI ATT-04-80-18-0*	30.00T/H	N	SAND DRYER	PM	6.40LB/H MAX	
AMSELCO COAL, FULTON MINE	IN PC(23)1470	130.00T/H	N	COAL MINING			
				LOADING	PM	6.67T/YR	
				ROTARY BREAKER	PM	2.70T/YR	
				SCREENS AND TRANSFER POINTS	PM	9.46T/YR	
				STOCK PILES	PM	4.06T/YR	
				TRUCK DUMP	PM	6.76T/YR	
BADGER MINING CORP.	WI ATT-04-08-24-0*	75.00T/H	N	SAND DRYER SAND STOCKPILES	PM	.08LB/MLB GAS	
GENERAL CASTING CORP.	WI NAA-03-80-68-0*		N	SAND HANDLING SYSTEM	PM	.08LB/MLB GAS	L*
LONE STAR POLYMER CONCRE*	VA 60230		M	POLYMER CONCRETE MIXER			
					VOC	11.70LB/H 9.90T/YR	
MULLITE CO.	GA GA 064	250.00T/H	M	ROTARY KILNS	PM	9.42LB/H	B*
PATRICK COAL CORP.	VA 61010		N	CONVEYORS	VE	5.00% OPACITY	
				RAIL CAR DUMPER	VE	5.00% OPACITY	

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SOURCE TYPE CODE 9.21

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.21 OTHER MINERAL PRODUCTS INDUSTRY

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				RECLAIMER	VE	10.00% OPACITY	
				SHIP LOADING	VE	20.00% OPACITY	
				STACKER	VE	10.00% OPACITY	
				TRANSFER POINTS	VE	5.00% OPACITY	
PPG INDUSTRIES	NC NC-056	200750.00T/YR	N	RAW MATERIAL STORAGE	PM	1.70LB/H	B*
					SO2	6.20LB/H	B*
SW ELECT. POWER	TX PSD-TX-130		N	LIGNITE DISCHARGE CHUTE	PM	.08LB/H	
				LIGNITE RECLAIMING	PM	.16LB/H	
				LIGNITE STORAGE PILES	PM	2.39LB/H	
				LIGNITE TRUCK UNLOAD HOPPER	PM	7.40LB/H	
				LIMESTONE CAR HOPPER	PM	.08LB/H	
SOURCE TYPE CODE -- 10.1 KRAFT PULP MILLS							
ALABAMA KRAFT	AL PSD-AL-067		M	BOILER, WOODWASTE	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
ALABAMA RIVER PULP CO., *	AL 1-06-0010-X001*	1000.00ADTP/D	N	BROWN STOCK WASHERS	TRS	.50SEC AT LEAST 1*	
				DIGESTERS	TRS	.50SEC AT LEAST 1*	
				EVAPORATORS	TRS	.50SEC AT LEAST 1*	
				LIME KILN	PM	.13GR/DSCF AT 10%*	
					TRS	5.00PPM AT 10% O2	
				POWER BOILER	NOX	.70LB/MMBTU	
					PM	.23GR/DSCF AT 50%*	
					SO2	2033.00T/YR	
				RECOVERY BOILER			
					PM	.04GR/DSCF AT 8% *	
					TRS	5.00PPM AT 8% O2	
				SMELT TANK	PM	.20LB/T BLS	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
BOWATER CAROLINA CO.	SC (R)P/C-46-210*	900.00T/D ADP	N	RECOVERY FURNACE	PM	.04GR/DSCF	
					SO2	300.00PPM	
					TRS	5.00PPM	
				SMELT DISSOLVING TANK	PM	.20LB/T BLS	
					TRS	.02LB/T BLS	
CHAMPION INTERNAT. CORP.	MI 33-80		N	COAL-FIRED BOILER	NOX	.70LB/MMBTU	N*
					PM	.06LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				LIME KILN	PM	.07GR/DSCF	N*
					SO2	120.00LB/H	N*
					TRS	8.00PPM BY VOL	N*
				LIME, COAL, & ASH HANDLING &*	PM	.03GR/DSCF	N*
				REC. BOILER,BLACK LIQUOR FUEL	PM	.04GR/DSCF	N*
					TRS	5.00PPM BY VOL	
				SMELT DESOLVING TANK	PM	.20LB/T BLS	N*
					TRS	.01LB/T	N*
CHESAPEAKE CORP.	VA 40126		M	LIME KILN			
					PM	88.60T/YR	
						.13GR/DSCF AT 10%*	
					TRS	5.11T/YR	
						8.00PPM AT 10% O2	
CONTAINER CORP. OF AM	AL PSD-AL-061		M	BOILER, COAL/WOOD FIRED	NOX	350.00LB/H 100% COAL	N*
						426.00LB/H 100% WOOD	N*
					PM	51.15LB/H 100% COAL	N*
						60.80LB/H 100% WOOD	N*
					SO2	613.25LB/H	N*
						60.80LB/H 100% WOOD	N*
CONTAINER CORP. OF AM	FL FL-062		M	BOILER, COAL/WOOD WASTE	PM	472.00T/YR	N*
					SO2	5363.00T/YR	N*
FEDERAL PAPERBOARD CO.	NC NC-081	1095.00MMBTU/H	N	BOILER	PM	.04GR/CF	B*
					SO2	979.00T/H	B*

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SOURCE TYPE CODE 10.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
FEDERAL PAPERBOARD CO.	NC 4924	2300.00T/D ADP	N	BROWN STOCK WASHERS NO.5	SO2	16.20LB/H	
				LIME KILN NO.4	CO	405.00LB/H	A*
					NOX	40.50LB/H	A*
					PM	.13GR/DSCF 10% O2	N*
					SO2	8.10LB/H	A*
				POWER BOILER NO.6	CO	.05LB/MMBTU COAL	A*
					NOX	.70LB/MMBTU COAL	N*
						.30LB/MMBTU OIL	N*
					NOX	.20LB/MMBTU GAS	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU OIL	N*
FEDERAL PAPERBOARD CO.	NC NC-081	1095.00MMBTU/H	N	SMELT DISSOLVING TANKS	PM	.20LB/H	B*
					SO2	.07LB/T BLS	B*
GEORGIA-PACIFIC CORP.	AR PSD-AR 317		M	BOILER, WOOD FIRED	CO	24.00LB/H	N*
						.11LB/MMBTU	N*
					NOX	26.00LB/H	B*
						.12LB/MMBTU	B*
GEORGIA-PACIFIC CORP.	LA (R)PSD-LA-0041		M	WOOD-FIRED BOILER	CO	25.00LB/H	B*
						.09LB/MMBTU	B*
					NOX	26.70LB/H	B*
						.10LB/MMBTU	B*
					PM	24.70LB/H	B*
						.01LB/MMBTU	B*
HAMMERMILL PAPER	AL PSD-AL-062	750.00T/D	M	BATCH DIGESTERS #6, #7 & #8	TRS	.50SES AT 1200 DE*	
				BROWN STACK WASHER #2	TRS	11.00LB/H	
				LIME KILN	PM	.07GR/DSCF AT 10%*	N*
						.13GR/DSCF AT 10%*	N*
					SO2	111.00T/YR	B*
					TRS	8.00PPM AT 10% O2	N*
				RECOVERY BOILER #1	PM	4.00LB/ADTP	
					SO2	272.00LB/H	
					TRS	20.00PPM	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
HAMMERMILL PAPER	(CONTINUED)						
				RECOVERY BOILER #2	CO	456.60LB/H	B*
					NOX	114.20LB/H	B*
					PM	66.20LB/H	N*
					SO2	1901.00T/YR	B*
					TRS	5.00PPM AT 8% O2	N*
				SMELT DISSOLVING TANK	PM	.20LB/T BLS	N*
					SO2	11.40LB/H	B*
					TRS	.02LB/T BLS	N*
INDEPENDENT KRAFT CORP.	AL 413-0025-X001 *	800.00ADTP/D	M	BROWN STOCK WASHER	TRS	.50SEC AT LEAST 1*	
				CONDENSATE STRIPPER	TRS	.50SEC AT LEAST 1*	
				CONTINOUS DIGESTER	TRS	.50SEC AT LEAST 1*	
				GENERATOR, FOSSIL FUEL STEAM	CO	117.00LB/H	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
				LIME KILN	CO	318.00LB/H	
					NOX	31.80LB/H	
					PM	.07GR/DSCF AT 10%*	
						.13GR/DSCF AT 10%*	
					SO2	6.40LB/H	
					TRS	8.00PPM AT 10% O2	
				MULTIPLE EFFECTS EVAPORATORS	TRS	.50SEC AT LEAST 1*	
				RECOVERY BOILER	CO	63.60LB/H	
					NOX	31.80LB/H	
					PM	.04GR/DSCF AT 8% *	
					SO2	391.00LB/H	
					TRS	.50PPM AT 8% O2	
				SMELT TANK	PM	.20LB/T BLS	
					SO2	3.18LB/H	
					TRS	.02LB/T BLS	
INTERNATIONAL PAPER CO.	LA (R)PSD-LA-295		M	BOILER	CO	.15LB/MMBTU	B*
					NOX	.69LB/MMBTU COAL	B*
						.20LB/MMBTU GAS	B*
					NOX	.30LB/MMBTU OIL	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
INTERSTATE PAPER CORP.	GA 2631-089-8091	346.00MMBTU/H	M	BOILER	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.30LB/MMBTU	
KIRBY FOREST INDUSTRIES	TX TX-231	1000.00T/D	N	LIME KILN	CO	41.70LB/H	B*
					NOX	3.30LB/H	B*
					PM	51.70LB/H	N*
					SO2	86.70LB/H	B*
					TRS	3.50LB/H	N*
				LIMESTONE RECEIVING	PM	.20LB/H	B*
				POWER BOILER	CO	3.12LB/H	B*
						.06LB/MMBTU	B*
					NOX	371.00LB/H	N*
						.70LB/MMBTU	N*
					PM	53.00LB/H	N*
						.01LB/MMBTU	N*
					SO2	636.00LB/H	N*
						1.20LB/MMBTU	N*
				RECHIPPER CYCLONE	PM	7.50LB/H	B*
				RECOVERY BOILER	CO	82.60LB/H	B*
						.09LB/MMBTU	B*
					NOX	67.80LB/H	B*
						.07LB/MMBTU	B*
					PM	83.40LB/H	N*
						.09LB/MMBTU	N*
					SO2	434.00LB/H	B*
						.46LB/MMBTU	B*
					TRS	6.10LB/H	N*
						.01LB/MMBTU	N*
				SALT CAKE RECEIVING	PM	.20LB/H	B*
				SLAKER SCRUB	PM	2.70LB/H	B*
				SMELT TANK	PM	14.10LB/H	N*
					TRS	1.20LB/H	
LEAP RIVER FOREST	MS MS 035	650.00T/D	N	BOILER, BARK & COAL FIRED	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*

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SOURCE TYPE CODE 10.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				LIME KILN	SO2	.63LB/MMBTU	B*
					PM	.13GR/DSCF	N*
					TRS	8.00PPM	N*
				RECOVERY BOILER	PM	.04GR/DSCF	B*
					SO2	458.00LB/H	B*
						300.00PPM	B*
					TRS	5.00PPM AT 8% FUEL	B*
				SMELT DISSOLVING TANK	PM	.30LB/T ADP	B*
					TRS	.17LB/T BLS	N*
LONGVIEW FIBRE	WA DE 80-602	2580.00T/D ADP	M	KRAFT RECOVERY FURNACE #22	CO	91.70LB/H	B*
					NOX	45.80LB/H	B*
					PM	.04GR/DSCF	
					TRS	5.00PPM	B*
					VE	25.00%, 6 MIN PERIOD	
					VOC	45.80LB/H	B*
				LIME KILN	PM	.04GR/DSCF GAS	
						.07GR/DSCF OIL	
					TRS	8.00PPM 12 H AV	
					VE	25.00%, 6 MIN PERIOD	
				NEW DIGESTER & WASHERS	TRS	8.00PPM	B*
				SMELT TANK #22	TRS	.02LB/T LIQUOR FI*	
OLINKRAFT	LA (R)PSD-LA-037		N	BOILER	PM	.10LB/MMBTU	B*
					SO2	.73LB/MMBTU	B*
PORT ST. JOE	FL FL-075	882.00MMBTU/H	N	BOILER, BARK	CO	25.20LB/H	N*
					NO2	264.00LB/H	N*
					PM	88.21LB/H	N*
					SO2	705.70LB/H	N*
				BOILER, OIL-FIRED	CO	25.20LB/H	N*
					NO2	226.80LB/H	N*
					PM	75.60LB/H	N*
					SO2	604.80LB/H	N*
POTLATCH	ID	90.00T/H BLS	N	RECOVERY BOILER	CO	1223.00LB/H	
					NOX	321.00LB/H SEE NOTE 3	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
POTLATCH	(CONTINUED)					
					PM 58.00LB/H SEE NOTE 2	
					.03GR/DSCF	
					SO2 450.00LB/H SEE NOTE 6	
					200.00PPM	
				SMELT TANK	PM 11.40LB/H SEE NOTE 1	
SCOTT PAPER	AL AL 068	45.80T/H ADP	M	COAL PREP PLANT	PM 20.00% OPACITY	N*
				EVAPORATORS	TRS .50SEC AT 1200 DE*	
				RECOVERY BOILER	CO 770.00LB/H	B*
					NOX 242.00LB/H	B*
					402.00T/YR	B*
					PM .04GR/DSCF	N*
					SO2 344.00LB/H	B*
					1003.00T/YR	B*
					TRS 5.00PPM	N*
				SMELT TANK	PM .20LB/T BLS	N*
					SO2 4.60LB/H	B*
					TRS .02LB/T BLS	N*
				WOODWASTE/COAL COMBUSTION (5*	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1014.00LB/H	N*
SIMPSON LEE PAPER CO.	CA (R)NSR-4-4-4 *		N	GAS TURBINE & WATE HEAT BOIL*	CO 100.00LB/H	B*
					NOX 92.00LB/H ANNUAL AV	B*
SIMPSON LEE PAPER CO.	CA 80-PO-17	220.00T/D	N	LIME KILN		
					PM .15GR/DSCF	
SIMPSON LEE PAPER CO.	CA 74-PO-23	220.00T/D	N	RECOVERY BOILER		
					PM .15GR/DSCF	
ST REGIS PAPER CO.	FL FL 066		M	BARK-COAL BOILER, UNIT #3	SO2 1.20LB/MMBTU	N*
					327.00LB/H	N*
				BARK-COAL BOILER, UNIT #4	SO2 1.20LB/MMBTU	N*
ST REGIS PAPER CO.	FL PSD-FL-041		M	BARK FIRED BOILER	PM .10LB/MMBTU	N*

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SOURCE TYPE CODE 10.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					SO2 .64LB/MMBTU	N*
ST REGIS PAPER CO.	ME	814.00MMBTU/H	M	ADJACENT TOWN OF BUCKSPORT R*		
				COAL & BIOMASS HANDLING		
				EXISTING ROADS & PARKING		
				NEW ROADS		
				TEMP CONSTRUCTION ROADS		
ST. REGIS PAPER CO.	ME AEL-13-47	814.00MMBTU/H	M	BOILER, BIOMASS FUEL		
					PM .08LB/MMBTU	B*
					SO2 1.20LB/MMBTU	N*
UNION CAMP CORP.	AL 201-0001-X008,*	2300.00ADTP/D	M	BROWN SET WASHER	TRS .50SEC AT LEAST 1*	
				COAL PREP		
				DIGESTER	TRS .50SEC AT LEAST 1*	
				EVAPORATORS	TRS .50SEC AT LEAST 1*	
				GENERATOR, FOSSIL FUEL STEAM		
					NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
				NO. 2 LIME KILN		
					PM .07GR/DSCF AT 10%*	
					.13GR/DSCF AT 10%*	
					TRS 8.00PPM AT 10% O2	
				NO. 2 RECOVERY BOILER		
					PM .04GR/DSCF AT 8% *	
					TRS 5.00PPM AT 8% O2	
				NO. 2 SMELT DISSOLVING TANKS	PM .20LB/T BLS	
					TRS .02LB/T BLS	
UNION CAMP CORP.	SC (R)P/C-40-128	2250.00T/D	N	BOILERS, COAL/WOODWASTE	CO .11LB/MMBTU	
				BOILERS, COAL/WOODWASTE	CO .11LB/MMBTU	
				BOILERS, COAL/WOODWASTE	CO .11LB/MMBTU	
				BOILERS, COAL/WOODWASTE	NOX .70LB/MMBTU	
				BOILERS, COAL/WOODWASTE	NOX .70LB/MMBTU	
				BOILERS, COAL/WOODWASTE	NOX .70LB/MMBTU	
				BOILERS, COAL/WOODWASTE	PM .10LB/MMBTU	

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SOURCE TYPE CODE 10.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS	
				BOILERS, COAL/WOODWASTE	PM	.10LB/MMBTU
				BOILERS, COAL/WOODWASTE	PM	.10LB/MMBTU
				BOILERS, COAL/WOODWASTE	SO2	1.20LB/MMBTU
				BOILERS, COAL/WOODWASTE	SO2	1.20LB/MMBTU
				BOILERS, COAL/WOODWASTE	SO2	1.20LB/MMBTU
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY
				KRAFT RECOVERY BOILER	CO	2.00LB/T ADP
				KRAFT RECOVERY BOILER	CO	2.00LB/T ADP
				KRAFT RECOVERY BOILER	CO	2.00LB/T ADP
				KRAFT RECOVERY BOILER	NOX	210.00PPMV DRY T
				KRAFT RECOVERY BOILER	NOX	210.00PPMV DRY T
				KRAFT RECOVERY BOILER	NOX	210.00PPMV DRY T
				KRAFT RECOVERY BOILER	PM	.04GR/DSCF
				KRAFT RECOVERY BOILER	PM	.04GR/DSCF
				KRAFT RECOVERY BOILER	PM	.04GR/DSCF
				KRAFT RECOVERY BOILER	SO2	230.00PPMV DRY T
				KRAFT RECOVERY BOILER	SO2	230.00PPMV DRY T
				KRAFT RECOVERY BOILER	SO2	230.00PPMV DRY T
				KRAFT RECOVERY BOILER	TRS	5.00PPMV DRY T
				KRAFT RECOVERY BOILER	TRS	5.00PPMV DRY T
				KRAFT RECOVERY BOILER	TRS	5.00PPMV DRY T
				LIME KILN	CO	8.00PPMV DRY T
				LIME KILN	CO	8.00PPMV DRY T
				LIME KILN	CO	8.00PPMV DRY T
				LIME KILN	NOX	.85LB/MMBTU
				LIME KILN	NOX	.85LB/MMBTU
				LIME KILN	NOX	.85LB/MMBTU
				LIME KILN	PM	.13GR/DSCF
				LIME KILN	PM	.13GR/DSCF
				LIME KILN	PM	.13GR/DSCF
				LIME KILN	SO2	.20LB/T ADP
				LIME KILN	SO2	.20LB/T ADP
				LIME KILN	SO2	.20LB/T ADP
				LIME KILN	TRS	10.00LB/T ADP
				LIME KILN	TRS	10.00LB/T ADP

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
UNION CAMP CORP.	(CONTINUED)						
				LIME KILN	TRS	10.00LB/T ADP	
WESTERN KRAFT	KY KY-162	540.00T/H	N	FURNACE	PM	.04LB/MMBTU	B*
WESTVACO CORP.	SC SC-037	1500.00T/D ADP	N	#10 RECOVERY BOILER	NOX	.25LB/MMBTU	B*
					PM	.03GR/DSCF	B*
					SO2	250.00PPM	B*
				POWER BOILER (COAL)	TRS	.02LB/T BLS	N*
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
WESTVACO CORP. - FIVE PA*	KY C-77-123	600.00ADT	M	BOILER, BARK	NOX	.30LB/MMBTU LIQ. *	N*
						.70LB/MMBTU SOLID*	N*
					PM	.10LB/MMBTU	B*
						46.30LB/H	B*
					SO2	1.20LB/MMBTU SEE N*	B*
				FUEL HANDLING SYSTEM		469.60LB/H	B*
WEYERHAEUSER CO.	MS PSD-MS-027	186000.00T/YR	N	LIME KILN	PM	20.00LB/H	
					NOX	100.00PPM	B*
					PM	.13GR/DSCF	N*
					SO2	50.00PPM	B*
					TRS	8.00PPM	N*
				POWER BOILER, COMBUSTION FUEL	NOX	.70LB/MMBTU COAL	N*
						.30LB/MMBTU OIL	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU OIL	N*
				RECOVERY BOILER, KRAFT MILL	NOX	70.00PPM	B*
					PM	.04GR/DSCF	N*
					SO2	100.00PPM	B*
					TRS	5.00PPM	N*
				SMELT TANK	PM	.20LB/T BLS	N*
					SO2	50.00PPM	B*
					TRS	.02LB/T BLS	N*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
WILLIAMETTE INDUSTRIES, *	KY C-80-24	120000.00T/YR	M	LIME KILN	PM .15GR/DSCF	B*
					SO2 5.03LB/H	B*
				WOOD WASTE BOILER	NOX .70LB/MMBTU NOTE#1	B*
					PM .04LB/MMBTU	B*
					SO2 .32LB/MMBTU	B*
SOURCE TYPE CODE -- 10.2 WOOD PULPING (OTHER THAN KRAFT)						
AUGUSTA NEWSPRINT CO.	GA 2621-121-8497	400.00MMBTU/H	N	BOILER	NOX .30LB/MMBTU BARK/*	N*
					.20LB/MMBTU BARK/*	N*
					PM .10LB/MMBTU	N*
					SO2 .80LB/MMBTU	
					298.00LB/H	
BEAR ISLAND PAPER CO.	VA 50840		M	BOILER, WOOD/COAL FUEL	NOX 1210.00T/YR WOOD FUEL	N*
					1210.00T/YR COAL FUEL	N*
					PM 205.00T/YR WOOD FUEL	N*
					174.00T/YR COAL FUEL	N*
					SO2 1638.00T/YR WOOD FUEL	N*
					2092.00T/YR COAL FUEL	N*
FLAMBEAU PAPER CORP.	WI MAA-10-CWB-81-*	150000.00LB/H	M	COAL BUNKER STACK	PM .10LB/MLB EXHAUST*	B*
				COAL PREP. HOUSE, STACK	PM .10LB/MLB EXHAUST*	B*
				WOOD PREP. BUILDING STACK	PM .20LB/MLB EXHAUST*	B*
				WOOD STORAGE BIN STACK	PM .20LB/MLB EXHAUST*	B*
				80/20 WOOD/COAL BOILER	NOX .70LB/MMBTU	B*
					PM .08LB/MMBTU WOOD/*	B*
					.10LB/MMBTU COAL	B*
FORT HOWARD PAPER CO.	OK (R)PSD-OK-404		M	BOILER	SO2 1.20LB/MMBTU	L*
					CO .06LB/MMBTU COAL	B*
					.03LB/MMBTU OIL	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.2 WOOD PULPING (OTHER THAN KRAFT) REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					CO .02LB/MMBTU GAS	B*
					NOX .70LB/MMBTU COAL	B*
					.30LB/MMBTU OIL	B*
					NOX .20LB/MMBTU GAS	B*
					PM .10LB/MMBTU COAL	B*
					.07LB/MMBTU OIL	B*
					PM .01LB/MMBTU GAS	B*
					SO2 1.20LB/MMBTU COAL	B*
					.73LB/MMBTU OIL	B*
					SO2 .00LB/MMBTU GAS	B*
					VOC .02LB/MMBTU GAS	
					.01LB/MMBTU OIL	
					VOC .00LB/MMBTU GAS	
				PAPER MACHINE	CO .04LB/MMBTU OIL	B*
					.02LB/MMBTU GAS	B*
					NOX .30LB/MMBTU OIL	B*
					.12LB/MMBTU GAS	B*
					PM .02LB/MMBTU OIL	B*
					.01LB/MMBTU GAS	B*
					SO2 .37LB/MMBTU OIL	B*
					.00LB/MMBTU GAS	B*
					VOC .01LB/MMBTU OIL	B*
					.00LB/MMBTU GAS	B*
FORT HOWARD PAPER CO.	OK (R)PSD-OK-375		M	TURBINE	CO .68LB/MMBTU N. GAS	B*
					CO .75LB/MMBTU #2 OIL	B*
					NOX .20LB/MMBTU N. GAS	B*
					NOX .28LB/MMBTU #2 OIL	B*
					PM .11LB/MMBTU N. GAS	B*
					PM .11LB/MMBTU #2 OIL	B*
					SO2 .00LB/MMBTU N. GAS	B*
					SO2 .75LB/MMBTU #2 OIL	B*
					VOC .12LB/MMBTU N. GAS	B*
					VOC .03LB/MMBTU #2 OIL	B*
MACMILLAN BLOEDAL	AL AL-063		M	DIGESTERS	TRS .50SEC AT 1200 F	
				EVAPORATORS	TRS .50SEC AT 1200 F	

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SOURCE TYPE CODE 10.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.2 WOOD PULPING (OTHER THAN KRAFT) — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
MACMILLAN BLOEDAL	(CONTINUED)						
				POWER BOILER	CO	114.00LB/H	N*
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				RECOVERY BOILER	CO	12325.00T/YR	N*
					NOX	902.00T/YR	N*
					PM	.04GR/SDCF AT 8% *	N*
					SO2	2339.00T/YR	N*
					TRS	5.00PPM AT 8% O2	N*
				SMELT TANK	PM	.20LB/T BLS	N*
					SO2	41.00T/YR	N*
					TRS	.02LB/T BLS	N*
				WASHERS	TRS	.50SEC AT 1200 F	
SUNBELT FOREST PRODUCTS *	AL PSD-AL-073		N	BOILER, COAL, UNIT#2	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				BOILER, COAL, UNIT#3	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				BOILER, COAL, UNIT #1	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*

SOURCE TYPE CODE -- 10.3 HARDBOARD

ABI TIBI CORP.	NC NC 076		M	WOOD FIRED BOILER	CO	44.04LB/H	N*
						192.90T/YR	N*
					NOX	35.23LB/H	N*
						154.30T/YR	N*
					PM	.10LB/MMBTU	N*
					SO2	33.03LB/H	

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SOURCE TYPE CODE 10.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.3 HARDBOARD

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					145.00T/YR	
SOURCE TYPE CODE -- 10.4 PLYWOOD PLANTS						
KIRBY FOREST INDUSTRIES	TX (R)PSD-TX-280		M	BOILER, FBD WOOD WASTE FIRE PM	10.70LB/H	
SOURCE TYPE CODE -- 10.5 WOODWORKING						
BROYHILL FURNITURE	NC NC-068		N	WOODWORKING PM	.30LB/H	B*
					1.30T/YR	B*
BROYHILL FURNITURE	NC NC-063			WOODWORKING BOOTHS PM	9.00LB/H	B*
SOURCE TYPE CODE -- 10.6 OTHER WOOD PRODUCTS						
BURLINGTON IND.	NC NC-036		N	BOILER PM	.60LB/H	B*
CROWN WOOD PRODUCTS	NC 4819		M	BOILER, WOOD-FIRED VOC	917.00T/YR	B*
EAGLE ENERGY	ID	15.00T/H	N	WOOD DRYING & COMBUSTION PM	24.00LB/H	
GEORGIA-PACIFIC CORP.	NC 4923		M	DRYERS, ROTARY WOODFLAKE (GR* DRYER, SANDERDUST FUEL PM	30.00LB/H SEE NOTE	B*
				PM	30.00LB/H SEE NOTE	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.6 OTHER WOOD PRODUCTS — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
GEORGIA-PACIFIC CORP.	NC NC-061	165000.00LB/H	N	WOOD WASTE BOILER & ROTARY A*	PM 246.00T/YR	B*
HOOKER FURNITURE CORP.	VA 20523		M	WOOD/COAL BOILER	PM .30LB/MMBTU	
SOURCE TYPE CODE -- 10.1 KRAFT PULP MILLS						
INTERNATIONAL PAPER CO.	AR 78-AR-1	683.40MMBTU/H	N	STEAM BOILER	CO 70.00LB/H NOX 480.00LB/H PM .10LB/MMBTU SO2 820.00LB/H	
SOURCE TYPE CODE -- 10.6 OTHER WOOD PRODUCTS						
INTERNATIONAL PAPER CO.	AR PSD-463AR-1		M	BOILERS, WOOD WASTE, #1 & #2	CO 200.00LB/H, EA PM 25.00LB/H, EA	
J.M. HUBER CORP.	ME	240.00T/D	N	BLDG VENT SYSTEM DRYERS PLUS BOILER, COMMON S* DRYERS, 2 WOOD BOILER	VE 20.00% OPACITY FOR * PM 2.48LB/T WAFER BD PM .12LB/MMBTU SO2 100.00LB/H 1000.00LB/D SO2 50.00T/YR	B* B* B* B* B* B*
LOUISIANA-PACIFIC CORP.	ME	240.00T/D	N	FUGITIVE EMISSIONS NO. 1 WOOD BOILER NO. 1 WOOD FIRED DRYER NO. 2 WOOD BOILER	PM .15LB/MMBTU PM 1.84LB/T WAFER BD PM .15LB/MMBTU	B* B* B*

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SOURCE TYPE CODE 10.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.6 OTHER WOOD PRODUCTS

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				NO. 2 WOOD FIRED DRYER PNEUMATIC TRIM & FINES COLL.*	PM	1.84LB/T WAFER BD	B*
NATICK PAPERBOARD	MA 24-119-MA-13	60.00MMBTU/H	M	BOILER,REPLACEMENT,OIL-FIRED	SO2	145.94LB/H	B*
PACKAGING CORP. OF AM	MI 681-80		M	BOILER, 2 TOTAL	PM	.10LB/MLB EXHAUST	
					SO2	1.67LB/MMBTU 24 H *	
PROCTOR & GAMBLE PAPER P*	TX PSD-TX-89		N	CELLULOSE PAD FORMATION MACH*	PM	.12LB/H EA	
				PLASTIC TRIMING OPERATION	PM	5.00LB/H	
				STEAM GEN	NOX	30.00LB/H	
					PM	6.90LB/H	
					SO2	75.90LB/H	
				TISSUE CUTTING MACHINE, 1	PM	.15LB/H	
				TISSUE ROLL CUTTING MACHINES*	PM	.27LB/H EA	
				TISSUE WINDING MACHINES, 2	PM	.34LB/H EA	
				TURBINE, GAS, 2	NOX	118.80LB/H	
					PM	20.40LB/H EA	
					SO2	144.00LB/H EA	
PROCTOR & GAMBLE PAPER P*	CA (R)LA 79-08	19.30MW	M	GAS TURBINE	NOX	.32LB/MMBTU FUEL *	
						.22LB/MMBTU NAT. *	

SOURCE TYPE CODE -- 11.0 GENERAL MANUFACTURING AND FABRICATION

AIRCO CARBON	SC P/C-18-058 THR*	65000.00T/YR	N	CARBOTTOM KILNS	NOX	17.50LB/H	B*
					PM	5.43LB/H	B*
					SO2	1.39LB/H	B*
					VOC	.03LB/H	
				GRAHPITIZING FURNACE	H2S	160.80LB/H	
					PM	33.80LB/H	
					SO2	296.60LB/H	

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SOURCE TYPE CODE 11.0

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
A.O. SMITH CORP.	WI ATT-03-80-41-0*		M	BOILER	PM .15LB/MMBTU	
BUICK MOTOR DIV., GMC	MI 535-79		N	BOILERS, COAL FIRED, 2 EA	NOX .60LB/MMBTU 30 D *	B*
					PM .03LB/MMBTU	L*
					SO2 .60LB/MMBTU 30 D *	B*
				COAL, LIME, HANDLING, & STOR*	PM .03GR/DSCF	B*
CAMPBELL SOUP CO.	NC NC 074	305.00MMBTU/H	M	CAN CONTROL	VOC 40.00LB/D	R*
				FLUIDIZED BED COMBUSTION	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
CHEVROLT TRUCK ASSEMBLY *	MI 426-79		N	ASH HANDLING SYS.	PM .03GR/DSCF	
				BOILER, COAL FIRED	NOX .60LB/MMBTU	
					PM .06LB/MMBTU	
					SO2 1.60LB/MMBTU 24 H *	
				COAL HANDLING SYS.	PM .03GR/DSCF	
CHICAGO & NORTHWESTERN T*	MI 161-80		N	RR CAR DUMPING	PM .02LB/MLB EXHAUST	
COLT INDUSTRIES - HOLLEY*	TN (R)PSD-TN-061		M	WHOLE PLANT	VOC 33.00T/YR	B*
FIRESTONE TIRE CO.	GA GA 068		M	TIRE SEALANT LINE	VOC 32.50T/YR	B*
FORD MOTOR CO., LIMA ENG*	OH EPA-5-A-80-19		N	BOILER, COAL-FIRED	PM .06LB/MMBTU	
					SO2 1.60LB/MMBTU 24 H *	
GAF CORP.	CA SE-78-07		N	FILLER STORAGE SILO	PM .47LB/H	
					.02GR/SCF	
				FILLER UNLOAD	PM .45LB/H	
					.02GR/SCF	
				FILLER USE BIN	PM .14LB/H	
					.02GR/SCF	
				SAND STORAGE	PM .17LB/H	
					.02GR/SCF	
				SAND & TALC USE BINS	PM .03LB/H	
					.02GR/SCF	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
GAF CORP.	(CONTINUED)						
				SATURATOR	PM	1.89LB/H	
						.02GR/SCF	
				SURFACING & WINDING SECTIONS*	PM	2.57LB/H	B*
						.02GR/SCF	B*
				TALC STORAGE	PM	.17LB/H	
						.02GR/SCF	
				TALC UNLOAD	PM	.53LB/H	
						.02GR/SCF	
				UNWIND & FESTOON SECTIONS OF*	PM	1.29LB/H	B*
						.02GR/SCF	B*
GAF CORP.	PA 78PA15	35000.00T/YR	M	MILL	PM	.96LB/H	B*
GENERAL ELECTRIC CO.	AL SEE NOTES		N	BOILER	CO	.04LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
				BOILERS, 2	CO	.04LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
				BOILER, 2	CO	.04LB/MMBTU	B*
				BOILER, 2	CO	.04LB/MMBTU	B*
				BOILER, 2	NOX	.70LB/MMBTU	N*
				BOILER, 2	NOX	.70LB/MMBTU	N*
				BOILER, 2	PM	.05LB/MMBTU	B*
				BOILER, 2	PM	.05LB/MMBTU	B*
				BOILER, 2	SO2	1.20LB/MMBTU	B*
				BOILER, 2	SO2	1.20LB/MMBTU	B*
				COAL PREP PLANT	FU*	.01GR/DSCF	
					VE	.00% ACROSS PROP.*	
				ELECTRIC ARC FURNACES, 3	PM	.00GR/SCF	
						29.40LB/H	
					VE	15.00% OPACITY	
				FIXED HEARTH INCINERATOR	CO	42.50LB/H	
					HCL	1.00% OF CL INPUT	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	48.00LB/H	
					PM	.08GR/DSCF	
					PO*	.01% OF POHC INPUT	
					SO2	6.00LB/H	
				PRODUCTION UNITS			
				ROTARY KILN INCINERATOR	CO	43.70LB/H	
				ROTARY KILN INCINERATOR	CO	43.70LB/H	
				ROTARY KILN INCINERATOR	HCL	1.00% OF CL INPUT	
				ROTARY KILN INCINERATOR	HCL	1.00% OF CL INPUT	
				ROTARY KILN INCINERATOR	NOX	94.70LB/H	
				ROTARY KILN INCINERATOR	NOX	94.70LB/H	
				ROTARY KILN INCINERATOR	PM	.08GR/DSCF	
				ROTARY KILN INCINERATOR	PM	.08GR/DSCF	
				ROTARY KILN INCINERATOR	PO*	.01% OF POHC INPUT	
				ROTARY KILN INCINERATOR	PO*	.01% OF POHC INPUT	
				ROTARY KILN INCINERATOR	SO2	13.80LB/H	
				ROTARY KILN INCINERATOR	SO2	13.80LB/H	
GENERAL MOTORS	KS	75.00CARS/H	N	BOILERS, COAL FIRED SPREADER*	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU 30 D *	B*
						1.60MAX.	B*
GM DELCO PRODUCTS DIV	OH 08-144		N	BOILER #4	PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
GM HYDRA-MATIC	MI 657-78	120000.00LB/H STEAM	N	BOILERS, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.40LB/MMBTU	
				COAL & ASH HANDLING	PM	.03GR/DSCF	
GM PROVING GROUND	MI 658-78	160000.00LB/H		BOILERS, COAL FIRED, 4 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
				COAL & ASH HANDLING	PM	.03GR/DSCF	
GMC ASSEMBLY PLANT	MI 208-80	826.66	N	BOILER, COAL FIRED, 3 EA	NOX	.60LB/MMBTU	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU 24 H *	
				COAL & ASH HANDLING EQUIPMENT	PM	.03GR/DSCF	
				SPREADER-STOKER	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU 24 H *	
GMC ASSEMBLY PLANT	MI 194-80	75.00CARS/H	N	PAINT PRIMER	VOC	304.50LB/H	L*
					VOC	663.00LB/H	L*
				PAINTING EQUIPT.	PM	3.00GR/MCF EXHAUST	L*
GMC CADILLAC MOTORS CORP.	MI C-5763 THRU C-*	75.00AUTOS/H	N	ALL TOPCOAT PAINT BOOTHS	PM	98.00% OVERSPRAY CO*	
					VOC	2.80LB/GAL APPL. S*	
						37.00% TRANSFER EFF	
				ANTI-CORROSION, DOORS	PM	1.00GR/MCF	
					VOC	4.40LB/GAL APPL. S*	
				ANTI-CORROSION, FENDERS	VOC	4.00LB/GAL APPL. S*	
				BODY WELDING			
				BRONZE WELDING			
				ELPO PRIMER	VOC	.16KG/L APPL. SOL.	
				FINAL REPAIR	PM	1.00GR/MCF	
					VOC	4.80LB/GAL APPL. S*	
				FINISH GRIND	PM	3.00GR/MCF	
				FLEXIBLE PARTS	PM	98.00% OVERSPRAY CO*	
					VOC	2.60LB/GAL APPL. S*	
					VOC	4.20LB/GAL APPL. S*	
				OLEUM DECK	VOC	3.60LB/GAL WITH H2O	
				PAINT RACK BURN-OFF	PM	1.00GR/MCF	
				PRIMER/SURFACER	PM	98.00% OVERSPRAY CO*	
					VOC	3.20LB/GAL APPL. S*	
						62.00% TRANSFER EFF	
				ROUGH GRIND	PM	3.00GR/MCF	
				SEALER/ADHESIVES	VOC	70.90LB/H	
				SMALL PARTS	PM	98.00% OVERSPRAY CO*	
					VOC	2.80LB/GAL APPL. S*	
				TEMP. SENSITIVE PARTS BOOTH	PM	98.00% OVERSPRAY CO*	
					VOC	6.00LB/GAL APPL. S*	

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SOURCE TYPE CODE 11.0

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION — REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				TRUCK COATING		
					VOC 2.80LB/GAL APPL. S*	
				UNDERBODY DEADNER	PM 98.00% OVERSPRAY CO*	
					VOC .42LB/GAL APPL. S*	
				WHEEL BOOTH	PM 98.00% OVERSPRAY CO*	
					VOC 2.80LB/GAL APPL. S*	
GMC CADILLAC MOTORS CORP.	MI C-5764 THRU C-*	75.00AUTOS/H	N	ASH LOADOUT		
				ASH SILO	PM .01LB/MLB EXHAUST	
				ASH TRANSFER	PM .01LB/MLB EXHAUST	
				BOILER, POWERHOUSE, 3 EA		
					NOX .60LB/MMBTU	L*
					PM .03LB/MMBTU	L*
					SO2 1.10LB/MMBTU	B*
				COAL HANDLING		
				COAL STORAGE		
				COAL UNLOADING		
GMC CHEVROLT MOTOR DIV.	MI 488-79		M	STANDS, CARBURETOR TEST,40 EA	VOC .20PPH	L*
HILTI INDUSTRIES, INC	OK T79-27		N	BLACK MANGANESE-PHOSPHATE LI*		
				RACK STRIP LINE		
				RUSH INHIBITOR LINE		
				ZINC PLATING		
IBM	NY		N	GAS TURBINE, 2 EA		
				IC ENGINES, 2 EA		
				OC ENGINE		
IBM CORP.	CA SFB-82-01	59.00MW	M	TURBINE	NOX 142.00LB/H	B*
					40.00PPM	B*
					SO2 223.00LB/H	B*
IBM CORP.	KY C-78-18		M	KILO 3 & 4 COATERS		
				KILO 5 & 6 COATERS		
POOL CO.	TX X3714		N	ABRASIVE CLEANERS	PM .40T/YR	

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SOURCE TYPE CODE 11.0

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				PAINT BOOTHS		
					VOC 12.40T/YR SEE NOTE	
PROCTOR & GAMBLE	NY	360.00MMBTU/H	N	BOILER		
					CO .22LB/MMBTU	
					PM .10LB/MMBTU	B*
					.05GR/DSCF	B*
				HOGGING OPERATION	PM .05GR/DSCF	B*
					VE 20.00% OPACITY	
SOURCE TYPE CODE -- 12.0 INSTITUTIONAL/COMMERCIAL						
CHATTANOOGA-HAMILTON COU*	TN 0150-50200505-*		N	INCINERATOR	PM .08GR/DSCF	B*
					.10LB/100 LB CHAR*	B*
CHATTANOOGA-HAMILTON COU*	TN 0150-50200505-*		N	INCINERATOR	PM .08GR/DSCF	B*
					.10LB/100 LB CHAR*	B*
NORTHERN MICHIGAN UNIV.	MI 121-80		N	COAL & ASH HANDLING & STORAGE	PM .03GR/DSCF	
				COAL-FIRED BOILERS, 3 EA	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 1.40LB/MMBTU	
RADFORD ARMY AMMUNITION *	VA 79VA07		N	CAMB THERMAL DEHYDRATOR	PM .90LB/H	B*
					VOC 217.00LB/H	B*
UNIVERSITY HOSPITAL	OH 1431070207B003	68.00MMBTU/H	M	BOILER, COAL FIRED	PM .23LB/MMBTU	
					SO2 2.00LB/MMBTU	
UNIVERSITY OF CINCINATI	OH 1431070849		M	HEATING PLANT - COAL	PM .18LB/MMBTU	
					SO2 1.60LB/MMBTU	
UNIV. OF MICH., CEN HEAT*	MI 531-78		N	BOILERS, GAS/OIL-FIRED	NOX .30LB/MMBTU OIL	
					NOX .20LB/MMBTU GAS	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 12.0 INSTITUTIONAL/COMMERCIAL

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	.52LB/MMBTU	
US AIRFORCE-MALMSTROM	MT	318.00MMBTU/H	M	COAL CONV	PM	1.00T/YR	B*
				COAL STOCKPILE HANDLING(ASH)	PM	1.00T/YR	B*
				LIME SYS	PM	6.00T/YR	B*
				PILE RECLAIM	PM	1.00T/YR	B*
				WIND EROSION	PM	27.00T/YR	B*
				3 HEATERS	NOX	.50LB/MMBTU	B*
						106.00LB/H	B*
					PM	7.60LB/H	B*
					SO2	.32LB/MMBTU	B*
						67.80LB/H	B*

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SOURCE TYPE CODE 12.0

APPENDIX C

TABLE 2A CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.1							
BIG RIVERS ELECT. CORP.	KY C-80-41	880.00MW		COAL HANDLING			
				LIMESTONE HANDLING			
SOURCE TYPE CODE -- 1.1							
EASTMAN KODAK CO., KODAK*	NY C262800 025 00*	670.00MMBTU/H	N	ASH HANDLING	PM	.08LB/H	B*
				BUNKER	PM	.02LB/H	B*
				COAL CAR UNLOADER	PM	1.10LB/H	B*
				CRUSHING	PM	.75LB/H	B*
SOURCE TYPE CODE -- 1.1							
GRIFFISS AIR FORCE BASE	NY 301300047600029*	113.00MMBTU/H	N	ASH HANDLING	PM	.05GR/DSCF	S*
				ASH SILO	PM	.05GR/DSCF	S*
				COAL BUNKER	PM	.05GR/DSCF	S*
				COAL CONVEYOR	PM	.05GR/DSCF	S*
				COAL HANDLING	PM	.05GR/DSCF	S*
				COAL SILO	PM	.05GR/DSCF	S*
				LIME BIN	PM	.05GR/DSCF	S*
				LIME BLOWER	PM	.05GR/DSCF	S*
				LIME SILO	PM	.05GR/DSCF	S*
				RECOVERY BIN	PM	.05GR/DSCF	S*
SOURCE TYPE CODE -- 1.1							
IOWA ELECTRIC LIGHT & PO*	IA	650.00MW	N	MATERIAL HANDLING	PM	.01GR/DSCF	B*
					VE	20.00% OPACITY	B*
SOURCE TYPE CODE -- 1.1							
MONSANTO CO.	IA	150.00MMBTU/H	M	COAL HANDLING	PM	.01GR/DSCF	B*
					VE	20.00% OPACITY	B*

PROCESS CODE --

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 1.5						
POWER AUTHORITY STATE OF*	NY	700.00MW	N	COAL CRUSHED	PM .03GR/DSCF	B*
					VE 20.00% OPACITY	
				COAL HANDLING		
				COOLING TOWER	PM .00% OF H2O FLOW	
PROCESS CODE --						
SOURCE TYPE CODE -- 1.1						
SOYLAND POWER COOP.	IL 82 02 0030		N	MISC. FUGITIVE SOURCES		
SOURCE TYPE CODE -- 1.1						
TVA - PARADISE - DRAKESB*	KY C-79-47	230.00MW	N	COAL CRUSHING PLANT		
				COAL WASHING PLANT	PM 325.20T/YR ALLOWABLE	L*
					136.50T/YR ACTUAL	L*
SOURCE TYPE CODE -- 1.1						
U.S. DOE, 4 - COAL PILOT*	KY C79121	70400.00T/YR	N	COAL DRYING	PM .60LB/H	
					2.10T/YR	
				COAL HYD. REACTOR	SO2 90.00T/YR	
				COAL RECLAIM	PM 5.20LB/H	
					4.00T/YR	
				COAL STORAGE	PM 1.00T/YR	
				COAL UNLOADING	PM 9.00LB/H	
					3.75T/YR	
				CRUSHED COAL BIN	PM 4.00T/YR	
				DEASHING UNIT HTRS. 8501 & 5*	CO 1.00T/YR	
					NO2 6.00T/YR	
					PM .40LB/H	
					1.75T/YR	
					SO2 9.00T/YR	
					VOC 1.00T/YR	

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PROCESS CODE

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

REPORT DATE 04/29/1983

PROCESS CODE

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				DIST. FUEL TANKS	VOC	1.00T/YR
				FILTRATE HEATERS	NO2	3.00T/YR
					PM	1.00LB/H
						5.00T/YR
					VOC	2.00T/YR
				FLAKER	PM	.21LB/H
						.94T/YR
				FLARE	PM	1.00T/YR
					SO2	1.00T/YR
				HYDROGEN HEATER	CO	3.00T/YR
					NO2	2.00T/YR
					PM	.80LB/H
						3.50T/YR
					SO2	1.00T/YR
					VOC	1.00T/YR
				NAPTHA TANKS, 3	VOC	1.00T/YR
				OIL MIST ELIMINATOR	PM	8.15LB/H
						35.70T/YR
				REACTOR HEATER #201C	CO	2.00T/YR
					NO2	9.00T/YR
					PM	1.00LB/H
						5.00T/YR
					SO2	1.00T/YR
					VOC	1.00T/YR
				REACTOR HEATERS, 201A & B, T*	PM	1.00LB/H
						5.00T/YR
				RESID. OIL TANKS	VOC	1.00T/YR
				THERMOLIQUID HEATER	CO	2.00T/YR
					NO2	8.00T/YR
					PM	.60LB/H
						2.63T/YR
					SO2	12.00T/YR
					VOC	1.00T/YR
SOURCE TYPE CODE -- 1.1						
WASHINGTON WATER POWER C*	WA (R)PSD-X-83-01	2080.00MW	N	BOTTOM ASH DISPOSAL		

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PROCESS CODE

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS	
				COAL CONVEYOR DISCHARGE		
				COAL CONVEYOR TRIPPERS	VE	20.00% OPACITY
					PM	.01GR/DSCF
				COAL SILOS	VE	5.00% OPACITY
					PM	.01GR/DSCF
				COAL SUPPLY SYSTEM	VE	5.00% OPACITY
					PM	.01GR/DSCF
				CONVEYORS	VE	5.00% OPACITY
					PM	.01GR/DSCF
				DEAD STORAGE	VE	5.00% OPACITY
					PM	20.00GR/DSCF
				FLY ASH HANDLING & SILOS	VE	95.00% OPACITY
					PM	.01GR/DSCF
				LIMESTONE SILOS	VE	5.00% OPACITY
					PM	.01GR/DSCF
				ROAD DUST	VE	5.00% OPACITY
				ROTARY CAR DUMPER (COAL)	PM	.01GR/DSCF
					VE	5.00% OPACITY
				ROTARY CAR DUMPER (LIMESTONE)	PM	.01GR/DSCF
				TRANSFER HOUSES	VE	5.00% OPACITY
					PM	.01GR/DSCF
				WASTE TREATMENT BLDG.	VE	5.00% OPACITY
					PM	.01GR/DSCF
					VE	5.00% OPACITY
SOURCE TYPE CODE -- 1.1						
WEST TEXAS UTILITIES CO.	TX 9015	640.00MW (NET)	N	COAL & LIMESTONE STORAGE/HAN*	PM	60.00LB/H

PROCESS CODE --

SOURCE TYPE CODE -- 1.6

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PROCESS CODE

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
WESTCHESTER COUNTY RESOU*	NY	2250.00T/D	N	INCINERATORS, REFUSE FIRED, *	AS*	.03GR/DSCF	B*
					BE	.03GR/DSCF	B*
					CO	.62LB/T REFUSE	B*
					HG	.03GR/DSCF	B*
					NOX	3.00LB/T REFUSE	B*
					PB	.03GR/DSCF	B*
					PM	.03GR/DSCF	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
AL ELEC COOP INC	AL AL 071	1780.00MW	N	LIGNITE BOILER	CO	470.00LB/H	B*
						2060.00T/YR	B*
					NOX	2883.00LB/H	N*
						12628.00T/YR	N*
					PM	144.00LB/H	N*
						631.00T/YR	N*
					SO2	3803.00LB/H	N*
						16658.00T/YR	N*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 6.61							
AM. MODERN FOOD ENERGY S*	IA	40.00MMGAL/YR	N	BOILER, PULV. COAL	NOX	.70LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	2.00LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 7.4							
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	10.00MMBBL/YR	M	COAL BOILERS, 3	CO	11.20LB/H EA	B*
						.06LB/MMBTU	B*
					NOX	125.00LB/H EA	B*
						.70LB/MMBTU	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
ARIZONA PUBLIC SERVICE C*	AZ AZP 78-01	350.00MW	N	COAL FIRED BOILER	NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	
					SO2	.07LB/MMBTU	
				COAL HANDLING AREAS			
				LIMESTONE HANDLING AREAS			
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 6.62							
ARKANSAS EASTMAN	AR (R)PSD-AR-311		M	BOILER, COAL-FIRED	NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	1.60LB/MMBTU	B*
PROCESS CODE -- 1.1							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.1							
ARKANSAS PWR & LT CO.	AR PSD-AR-48	800.00MW	N	COAL-FIRED STEAM GEN	PM	.10LB/MMBTU	
					SO2	.93LB/MMBTU	N*
SOURCE TYPE CODE -- 1.1							
ASSOC. ELECT. COOP., INC.	MO	730.00MW	M	BOILER, COAL FIRED (UNIT 3),*	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1							
AUSTELL BOX BOARD CO.	GA 2631-033-7994-C	313.00MMBTU/H	N	BOILER	CO	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 7.11							
A.E. STALEY MFG. CO.	IA		M	BOILER, COAL FIRED, 2 UNITS	NOX	.60LB/MMBTU	B*
					SO2	1.60LB/MMBTU MAX	B*
						1.20LB/MMBTU - 30 *	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
A.E. STALEY MFG. CO.	PA 81PA01	249.00MMBTU/H	M	COAL BOILER	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.90LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 1.1						
BASIN ELECTRIC POWER COO*	ND	500.00MW	N	BOILER	NOX 2825.00LB/H	B*
					.45LB/MMBTU	B*
					PM 188.00LB/H	N*
					.03LB/MMBTU	N*
					SO2 2637.00LB/H	B*
					.60LB/MMBTU	B*
					SO2 30.00% OF POTENT. C*	
SOURCE TYPE CODE -- 1.1						
BIG RIVERS ELECT. CORP.	KY C-80-41	680.00MW		BOILERS, 2	NOX 9843.00T/YR	
					PM 492.00T/YR	
					SO2 19686.00T/YR	
SOURCE TYPE CODE -- 1.1						
BIG RIVERS ELECT.-D.B. W*	KY C-80-41	880.00MW	N	BOILER, COAL FIRED	NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1						
BOARD OF PUBLIC UTILITIES	KS	246.00MW	N	BOILER, COAL FIRED, PULV.	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	B*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 7.12						
BOONE VALLY COOP.	IA	45.00MMBU/YR	M	COAL-FIRED BOILER	NOX .60LB/MMBTU	
					SO2 2.00LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 11.0							
BUICK MOTOR DIV., GMC	MI 535-79		N	BOILERS, COAL FIRED, 2 EA	NOX	.60LB/MMBTU 30 D *	B*
					PM	.03LB/MMBTU	L*
					SO2	.60LB/MMBTU 30 D *	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
BURLINGTON IND.	NC (R)PSD-NC-032	122.00MMBTU/H	N	BOILER, COAL FIRED	PM	.30LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1							
BURLINGTON IND.	NC (R)PSD-NC-034	122.00MMBTU/H	N	BOILER,COAL FIRED	PM	.30LB/MMBTU	B*
					SO2	1.40LB/MMBTU	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 6.55							
B.F. GOODRICH	IL 82 03 0046		N	BOILER	CO	400.00PPM	
					NOX	.60LB/MMBTU	N*
					PM	.06LB/MMBTU	
					SO2	1.20LB/MMBTU	N*
PROCESS CODE -- 1.1							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 6.62							
B.F. GOODRICH CHEMICAL G*	LA (R)PSD-LA-326	5500.00MMLB/YR (*	M	BOILER, COAL FIRED	CO	.08LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.02LB/MMBTU	B*
					SO2	.33LB/MMBTU	B*
SOURCE TYPE CODE -- 6.62							
B.F. GOODRICH CO.	OH 1947030004			COAL FIRED BOILER	CO	.19LB/MMBTU	B*
						200.00T/YR	B*
					NOX	.70LB/MMBTU	B*
						730.00T/YR	B*
					PM	.06LB/MMBTU	B*
						63.00T/YR	B*
					SO2	1.20LB/MMBTU	L*
						1250.00T/YR	L*
SOURCE TYPE CODE -- 6.62							
B.F. GOODRICH, CHEMICAL *	KY KG-091	152.30MMBTU/H	M	COAL FIRED BOILER	PM	.03LB/MMBTU	
					SO2	1.00LB/MMBTU	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-106	6507.00MMBTU/H	N	COAL HANDLING	PM	1.60LB/H	
				COAL PILES	PM	20.70LB/H	
				LIME/LIMESTONE HANDLING AND *	PM	2.10LB/H	
SOURCE TYPE CODE -- 1.1							
CARGILL, INC.	SC	161.20MMBTU/H	N	BOILERS, #5 + #6	PM	29.00LB/H	B*
					SO2	326.90LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 7.3							
CARGILL, INC.	OH 08-124		N	COAL BOILER	PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.4							
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	170.00MMBTU/H	N	BOILERS, COAL FIRED, 2	CO	25.60LB/H	B*
						111.80T/YR	B*
					NOX	435.40LB/H	B*
						1901.80T/YR	B*
					PM	62.20LB/H	B*
						271.80T/YR	B*
					SO2	746.40LB/H	B*
						3260.40T/YR	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
CELANESE, AMCELLE PLANT	MD 78MD08-R	110000.00LB/H STEAM	N	BOILER,COAL-FIRED	PM	9.24LB/H	S*
						40.50T/YR	S*
					SO2	70.23LB/H	P*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						307.60T/YR	P*
SOURCE TYPE CODE -- 1.1							
CENTRAL ILLINOIS LIGHT	IL 81 11 0076	800.00MW	N	BOILER, COAL-FIRED, 1, EA	NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.78LB/MMBTU	N*
SOURCE TYPE CODE -- 1.1							
CENTRAL POWER & LIGHT	TX (R)PSD-TX-365	6781.00MMBTU/H	M	ACTIVE COAL PILE	PM	5.78LB/H	B*
				COAL CONVEYOR TO BOILER	PM	4.63LB/H	B*
						13.44LB/D	B*
				COAL CONVEYOR TO TRANSFER HO*	PM	2.32LB/H	B*
						6.72LB/D	B*
				COAL DUMPER,ROTARY	PM	29.76LB/H	B*
						149.80LB/D	B*
				COAL FIRED BOILER	CO	.06LB/MMBTU	B*
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.39LB/MMBTU	N*
				COAL SAMPLE HOUSE	PM	7.00LB/H	B*
						34.30LB/D	B*
				COAL TRANSFER HOUSE	PM	7.00LB/H	B*
						34.30LB/D	B*
				CONVEYOR TO ACTIVE PILE	PM	2.25LB/H	B*
						2.25LB/D	B*
				CONVEYOR TO SAMPLE HOUSE	PM	2.40LB/H	B*
						11.75LB/D	B*
				FLYASH HANDLING	PM	.28LB/H	B*
						1.70LB/D	B*
				INACTIVE COAL PILE	PM	2.50LB/H	B*
				LIMESTONE CAR DUMP	PM	2.70LB/H	B*
						24.29LB/WK	B*
				LIMESTONE CONVEYOR TO BINS	PM	.40LB/H	B*
						3.60LB/WK	B*
				LIMESTONE CONVEYOR TO STORAGE	PM	.35LB/H	B*
						3.12LB/WK	B*

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PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				LIMESTONE RECLAIM	PM	19.90LB/H	B*
						179.52LB/WK	B*
				LIMESTONE SILOS	PM	.35LB/H	B*
						3.15LB/WK	B*
				LIMESTONE STORAGE PILE	PM	.05LB/H	B*
				LIMESTONE TRANSFER HOUSE	PM	.19LB/H	B*
						1.71LB/WK	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 10.1							
CHAMPION INTERNAT. CORP.	MI 33-80		N	COAL-FIRED BOILER	NOX	.70LB/MMBTU	N*
					PM	.06LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 11.0							
CHEVROLT TRUCK ASSEMBLY *	MI 426-79		N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU 24 H *	
PROCESS CODE -- 1.1							

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 1.1						
CINCINATI GAS & ELECTRIC*	KY C-82-072	1200.00MW	M	UNIT #1	NO2 .70LB/MMBTU	
					11550.00T/YR	
					PM .10LB/MMBTU	
					1650.00T/YR	
					SO2 .84LB/MMBTU	
					13860.00T/YR	
				UNIT #2	NO2 .70LB/MMBTU	
					20790.00T/YR	
					PM .10LB/MMBTU	
					2970.00T/YR	
					SO2 1.20LB/MMBTU	
					35640.00T/YR	
SOURCE TYPE CODE -- 1.1						
CITY OF WILKES-BARRE	PA 79PA23	92.50MMBTU/H	M	BOILER	PM 8.00LB/H	B*
					SO2 199.00LB/H	B*
					1.50LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1						
COLORADO UTE-CRAIG UNIT *	CO	1320.00MW	M	ASH SILO VENT	PM 149.00T/YR	B*
				ASH UNLOAD	PM 34.00T/YR	B*
				BOILER, 440 MW		
					NOX .50LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .20LB/MMBTU	B*
				COAL PILE	PM 5.00T/YR	B*
				CONV.	PM 5.00T/YR	B*
				LIME TRANS./STORAGE	PM .00T/YR	B*
				RR CAR	PM 1.00T/YR	B*
				TRANS PTS.	PM .00T/YR	B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 6.61							
CONSOLIDATED ENERGY GROU*	IA	10.20MMGAL/YR	N	BOILER, COAL FIRED, STOKER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						14.90T/YR	B*
					SO2	2.00LB/MMBTU	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 7.4							
COORS CO.	VA 80VA01	221.00MMBTU 3 EA	N	BOILER, COAL FIRED, 3	CO	.40LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	.24LB/MMBTU	
					VE	5.00% OPACITY	B*
					VOC	.02LB/MMBTU	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
CURTISS-WRIGHT CORP.	NJ	137.00MMBTU/H	M	PFB BOILER			
					SO2	.30LB/MMBTU	S*
SOURCE TYPE CODE -- 1.1							
DELMARVA POWER & LIGHT	MD 80MD01	550.00MW	M	BOILER	CO	.04LB/MBTU	B*
					NOX	.60LB/MBTU	B*
						65.00%EMISSION REDU*	B*
					SO2	.60LB/MBTU	B*
						70.00%EMISSION REDU*	B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					VE	20.00% OPACITY STACK	B*
					VOC	.01LB/MBTU	B*
				BOILERS & STORAGE PILES	PM	.03LB/MBTU	B*
SOURCE TYPE CODE -- 1.1							
DESERET GEN & TRANS, MOO* UT		800.00MW		BOILERS, COAL-FIRED, 2 EA			
					NOX	.55LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						.02GR/DSCF	B*
					SO2	418.00LB/H	B*
						.06LB/MMBTU	B*
					VE	20.00% OPACITY	
				COAL CONV	PM	1.00T/YR	B*
					VE	20.00% OPACITY	
				COAL CRUSHER	PM	1.00T/YR	B*
					VE	20.00% OPACITY	
				COAL STORAGE	PM	2.00T/YR	B*
					VE	20.00% OPACITY	
				LIMESTONE HAND.	PM	1.00T/YR	B*
					VE	20.00% OPACITY	
SOURCE TYPE CODE -- 1.1							
EAST KENTUCKY POWER COOP. KY C-76-46		526.00MW MOD.	M	BOILER, PULV., COAL FIRED, D*			
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
SOURCE TYPE CODE -- 1.1							
EASTMAN KODAK CO., KODAK* NY C262800 025 00*		670.00MMBTU/H	N	BOILER, COAL FIRED	BE	.00LB/H	B*
					CO	.05LB/MMBTU	B*
					NOX	.70LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
SOURCE TYPE CODE -- 6.43							
ELI LILLY	IN EPA-5-A-81-7		N	COAL FIRED BOILER	NOX	.60LB/MMBTU	
						323.00T/YR	
					PM	.09LB/MMBTU	
						49.60T/YR	
					SO2	1.60LB/MMBTU 3 H AV	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 6.62							
EMERY INDUSTRIES	OH OHIO 14-312		N	BOILER, COAL-FIRED	NOX	.70LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 9.6							
ETSI	AR 700-A	15500.00T/D	N	BOILER, COAL	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 9.6							
ETSI	AR 705-A	15900.00T/D	N	BOILER, COAL	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
E. KENTUCKY POWER CORP.	KY C-80-67	600.00MW, 2 EA	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
				BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
				BOILER, COAL FIRED	PM	.03LB/MMBTU	B*
				BOILER, COAL FIRED	PM	.03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2	1.20LB/MMBTU	B*
				BOILER, COAL FIRED	SO2	1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1							
E.I. DUPONT	SC (R)SC-034	97.00MMBTU/H EA	N	BOILERS, COAL, #1 + #2	NOX	.70LB/MMBTU	B*
					PM	.09LB/MMBTU	B*
					SO2	1.70LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1							
E.I. DUPONT	NC NC-067	245.00MMBTU/H C*		BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
						24.50LB/H	B*
					SO2	2.20LB/MMBTU	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 6.62							
E.I. DUPONT DE NEMOURS	OH EPA-5-A-81-1		N	BOILERS, COAL-FIRED, 2	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 1.1						
FLORIDA POWER CORP.	FL AC52-36102	1220.00BTU/H	M	FLY ASH HANDLING UNITS	PM 4.00LB/H	B*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 11.0						
FORD MOTOR CO., LIMA ENG*	OH EPA-5-A-80-19		N	BOILER, COAL-FIRED	PM .06LB/MMBTU	
					SO2 1.60LB/MMBTU 24 H *	
SOURCE TYPE CODE -- 11.0						
GENERAL ELECTRIC CO.	AL SEE NOTES		N	BOILER	CO .04LB/MMBTU	B*
					NOX .70LB/MMBTU	N*
					PM .05LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
				BOILERS, 2	CO .04LB/MMBTU	B*
					NOX .70LB/MMBTU	N*
					PM .05LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
				BOILER, 2	CO .04LB/MMBTU	B*
				BOILER, 2	CO .04LB/MMBTU	B*
				BOILER, 2	NOX .70LB/MMBTU	N*
				BOILER, 2	NOX .70LB/MMBTU	N*
				BOILER, 2	PM .05LB/MMBTU	B*
				BOILER, 2	PM .05LB/MMBTU	B*
				BOILER, 2	SO2 1.20LB/MMBTU	B*
				BOILER, 2	SO2 1.20LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 7.12							
GENERAL FOODS CORP.	DE APC 83/074	43.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	3.04LB/MMBTU	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 11.0							
GENERAL MOTORS	KS	75.00CARS/H	N	BOILERS, COAL FIRED SPREADER*	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU 30 D *	B*
						1.60MAX.	B*
SOURCE TYPE CODE -- 11.0							
GM DELCO PRODUCTS DIV	OH 08-144		N	BOILER #4	PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 11.0							
GM HYDRA-MATIC	MI 657-78	120000.00LB/H STEAM	N	BOILERS, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.40LB/MMBTU	
SOURCE TYPE CODE -- 11.0							
GM PROVING GROUND	MI 658-78	160000.00LB/H		BOILERS, COAL FIRED, 4 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					SO2 1.60LB/MMBTU	
SOURCE TYPE CODE -- 11.0						
GMC ASSEMBLY PLANT	MI 208-80	826.66	N	BOILER, COAL FIRED, 3 EA	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 1.60LB/MMBTU 24 H *	
				SPREADER-STOKER	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 1.60LB/MMBTU 24 H *	
SOURCE TYPE CODE -- 11.0						
GMC CADILLAC MOTORS CORP.	MI C-5764 THRU C-*	75.00AUTOS/H	N	BOILER, POWERHOUSE, 3 EA		
					NOX .60LB/MMBTU	L*
					PM .03LB/MMBTU	L*
					SO2 1.10LB/MMBTU	B*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 1.1						
GRAND HAVEN BOARD OF LT *	MI 541-79	58.00MW	N	COAL-FIRED BOILER	NOX .60LB/MMBTU 30 D *	
					PM .03LB/MMBTU	
					SO2 .84LB/MMBTU 30 D *	
					.80LB/MMBTU 24 H *	
SOURCE TYPE CODE -- 1.1						
GRAND RIVER DAM AUTHORITY	OK PSD-OK-51	490.00MW	N	COAL FIRED GEN STATION	PM .10LB/MMBTU	
					513.10LB/H	
					SO2 1.20LB/MMBTU	
					6157.20LB/H	
SOURCE TYPE CODE -- 1.1						
GREENWOOD MILLS, INC.	SC SC035	88.40MMBTU/H	M	COAL BOILER	NOX .55LB/MMBTU	B*

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PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.04LB/MMBTU	B*
					SO2	1.41LB/MMBTU	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 7.12							
GRIFFIN INDUSTRIES	IN			BOILER, COAL FIRED	NOX	183.00T/YR	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
GRIFFISS AIR FORCE BASE	NY 30130004760029*	113.00MMBTU/H	N	COAL FIRED BOILERS, 4	NOX	.62LB/MMBTU	B*
					PM	.05LB/MMBTU	
					SO2	.71LB/MMBTU	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 5.6							
HAMPTON ROADS ENERGY CO.	VA 78VA01	184000.00BPSD	N	GEN,UTILITY STEAM,STACK 3	CO	20.00LB/H	B*
					NO2	106.00LB/H	B*
					PM	34.00LB/H	B*
					SO2	180.00LB/H	N*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 1.5						
HARNEY ELECT.	OR (R)PSD-X81-12	442.00MMBTU/H	N	BOILERS, 2	NOX .50LB/MMBTU	B*
					SO2 .18LB/MMBTU	B*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 6.62						
HCC CHEMICAL CO.	LA (R)PSD-LA-108		N	BOILER, SPREADER STOKER	CO .10LB/MMBTU COAL	B*
					CO .04LB/MMBTU RESID*	B*
					CO .04LB/MMBTU DIST *	B*
					CO .02LB/MMBTU N. GAS	B*
					NOX .70LB/MMBTU COAL	B*
					NOX .30LB/MMBTU RESID*	N*
					NOX .16LB/MMBTU DIST *	B*
					NOX .17LB/MMBTU N. GAS	B*
					PM .02LB/MMBTU COAL	B*
					PM .02LB/MMBTU RESID*	B*
					PM .01LB/MMBTU DIST *	B*
					PM .01LB/MMBTU N. GAS	B*
					SO2 .32LB/MMBTU COAL	B*
					SO2 .14LB/MMBTU RESID*	B*
					SO2 .32LB/MMBTU DIST *	B*
					SO2 .00LB/MMBTU N. GAS	B*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 1.1						

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
HOLYOKE WATER POWER CO.,*	MA APPR. LTR 10-2*		M	COAL COMBUSTION			
					PM	.08LB/MMBTU	R*
					S	1.21LB/MMBBTU MONT*	R*
						1.60LB/MMBTU DAILY*	R*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 10.6							
HOOKER FURNITURE CORP.	VA 20523		M	WOOD/COAL BOILER	PM	.30LB/MMBTU	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
HOUSTON LIGHTING & POWER	TX PSD-TX-234	550.00MW	N	ACTIVE LIMESTONE PILE	PM	.10LB/H	B*
				COAL FIRED BOILER	CO	.06LB/MMBTU	
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.36LB/MMBTU	N*
				FLY ASH MIX TANK	PM	.70LB/H	B*
				INACTIVE LIMESTONE PILE	PM	.10LB/H	B*
				LIMESTONE CONVEYERS & TRANSF*	PM	.50LB/H	B*
				LIMESTONE CRUSHER	PM	.10LB/H	B*
				LIMESTONE FEED SILO	PM	.10LB/H	B*
				LIMESTONE UNLOAD	PM	.10LB/H	B*
SOURCE TYPE CODE -- 1.1							
HOUSTON LIGHTING & POWER	TX PSD-TX-33	550.00MW	N	COAL FIRED STEAM ELECT. GEN	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	

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PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					573.00LB/H	
SOURCE TYPE CODE -- 1.1						
IA SOUTHERN UTILITIES (C*	IA	727.00MW	N	BOILER, STEAM GEN, COAL FIRED	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1						
IDAHO NAT ENGINEERING LA*	ID (R)PSD-X81-11	165.00MMBTU/H	N	BOILERS, 2	NOX .50LB/MMBTU	B*
					PM .05GR/DSCF	B*
					SO2 99.20LB/H	B*
				FUGITIVE EMISSIONS	PM .01GR/ACF	
SOURCE TYPE CODE -- 1.1						
INDIANA STATEWIDE RURAL *	IN EPA-5-77-A-7	980.00MW	N	BOILER, COAL FIRED, 2 EA	PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 1.1						
INDIANA & MICHIGAN ELEC.*	IN EPA-5-78-A-1	2600.00MW	N	BOILER, COAL FIRED, 2 EA	PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 1.1						
INDIANAPOLIS POWER & LIG*	IN EPA-5-A-80-8	1950.00MW	N	BOILER, COAL FIRED, 3 EA	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 .55LB/MMBTU	
SOURCE TYPE CODE -- 1.1						
INTERMOUNTAIN PWR PROJEC*	UT	3000.00MW	N	ASH UNLOAD	PM 64.00LB/H	B*
					VE 20.00% OPACITY	
				COAL CONV	PM 17.00LB/H	B*
					VE 20.00% OPACITY	
				COAL CRUSHING	PM 1.00LB/H	B*
					VE 20.00% OPACITY	
				COAL STORAGE	PM 27.00LB/H	B*
					VE 20.00% OPACITY	
				COAL UNLOAD	PM 2.00LB/H	B*
					VE 20.00% OPACITY	

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PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				CONV/TRANSFER	PM	4.00LB/H	B*
					VE	20.00% OPACITY	
				HAUL ROADS	PM	1.00LB/H	B*
				LIME STORAGE	PM	.10LB/H	B*
					VE	20.00% OPACITY	
				4 BOILERS	CO	1248.00LB/H	B*
					NOX	.55LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.15LB/MMBTU	B*
					VE	20.00% OPACITY	
					VOC	375.00LB/H	B*
SOURCE TYPE CODE -- 1.1							
IOWA ELECTRIC LIGHT & PO* IA		650.00MW	N	STEAM GENERATING COAL-FIRED *	NOX	.50LB/MMBTU 30 D *	B*
					PM	.03LB/MMBTU	
					SO2	.60LB/MMBTU DAILY*	B*
					VE	20.00% OPACITY	B*
SOURCE TYPE CODE -- 1.1							
IOWA-ILLINOIS GAS & ELEC* IA		600.00MW	N	BOILER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.86LB/MMBTU 24H AV	B*
						1.05LB/MMBTU 3H AV	B*
SOURCE TYPE CODE -- 1.1							
JACKSONVILLE ELECT. AUTH* FL (R)PSD-FL-010		600.00MW	N	STEAM GEN. UNIT	NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.76LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1							
KANSAS CITY POWER & LIGHT MO		630.00MW	N	BOILER, COAL FIRED, PULV.	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1							
KANSAS POWER & LIGHT CO. KS		2880.00MW (TOTAL*	M	COAL FIRED BOILERS, UNITS 3 *	NOX	.70LB/MMBTU	N*

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PROCESS CODE 1.1

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1						
KENTUCKY POWER - CARR'S *	KY C-80-42	1300.00MW	N	POWER BOILER	NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .60LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1						
KENTUCKY UTILITIES - HAN*	KY C-82-123	1300.00MW	N	UNIT #1	CO 1397.00T/YR	
					NO2 .60LB/MMBTU	
					17476.00T/YR	
					PM .03LB/MMBTU	
					874.00T/YR	
					SO2 1.20LB/MMBTU	
					15768.00T/YR	
				UNIT #2	CO 1397.00T/YR	
					NO2 .60LB/MMBTU	
					17476.00T/YR	
					PM .03LB/MMBTU	
					874.00T/YR	
					SO2 1.20LB/MMBTU	
					15768.00T/YR	
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 10.1						
KIRBY FOREST INDUSTRIES	TX TX-231	1000.00T/D	N	POWER BOILER	CO 3.12LB/H	B*
					.06LB/MMBTU	B*
					NOX 371.00LB/H	N*
					.70LB/MMBTU	N*
					PM 53.00LB/H	N*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					.01LB/MMBTU	N*
					SO2 636.00LB/H	N*
					1.20LB/MMBTU	N*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 1.1						
LITHIUM CORP.	NC (R)NC-075	233.90MMBTU/H	M	BOILER	CO 1.00LB/T COAL	B*
					NOX .07LB/MMBTU	N*
					PM .11LB/MMBTU	B*
					114.80T/YR	B*
					SO2 2.27LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1						
LOUISVILLE GAS & ELECT. *	KY C-78-34			INDIRECT HEAT EXCHANGER	NOX .70LB/MMBTU	
					8924.00T/YR	
					PM .10LB/MMBTU	
					1275.00T/YR	
					SO2 1.20LB/MMBTU	
					10790.00T/YR	
SOURCE TYPE CODE -- 1.1						
LOUISVILLE GAS & ELECT. *	KY C-79-53		N	INDIRECT HEAT EXCHANGER	NOX .70LB/MMBTU	
					8924.00T/YR	
					PM .10LB/MMBTU	
					1275.00T/YR	
					SO2 1.20LB/MMBTU	
					10790.00T/YR	
SOURCE TYPE CODE -- 1.1						
L.D.S. CHURCH WELFARE SQ*	UT	18000.00LB/H STEA*	M	COAL FIRED BOILER		
					PM .04GR/DSCF	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
					VE	20.00% OPACITY	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 6.62							
MALLINCKROOT, INC	MO		M	COAL FIRED BOILER	NOX	.60LB/MMBTU	
						.30LB/MMBTU FUEL *	
					NOX	.20LB/MMBTU GAS	
					SO2	2.00LB/MMBTU 30D R*	
						2.85LB/MMBTU MAX/D*	
					SO2	1.20LB/MMBTU MAX/D*	
						1.20LB/MMBTU FUEL *	
					SO2	.01LB/MMBTU GAS	
SOURCE TYPE CODE -- 6.62							
MALLINCKROOT, INC.	NC 5126	60.00MMBTU/H	M	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					SO2	1.50LB/MMBTU	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 6.61							
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	23.00MMGAL/YR *	N	PROCESS STM GEN, COAL FIRED	NOX	.70LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	.68LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS	
SOURCE TYPE CODE -- 1.1						
MARQUETTE BOARD OF LT & *	MI 65-80	517.60MMBTU/H	N	BOILER, COAL-FIRED	NOX	.50LB/MMBTU
					PM	.03LB/MMBTU
					SO2	.40LB/MMBTU
				COAL & ASH HANDLING & STORAGE	PM	.03GR/DSCF
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 6.43						
MEAD JOHNSON & CO.	IN PC(65) 1507		N	BOILERS, COAL-FIRED, 2 EA	NOX	.65LB/MMBTU
					PM	.03LB/MMBTU
					SO2	2.10LB/MMBTU
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 1.1						
MIAMI PAPER CORP.	OH 0857190134 B00*	94.60MMBTU/H	M	STOKER BOILER, 2	PM	.15LB/MMBTU
					SO2	1.60LB/MMBTU
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 5.6						
MIAMI VALLEY REFIN. CO.	IN PC(15)1485		N	FBC COAL FIRED BOILER	PM	.06LB/MMBTU
					SO2	.14LB/MMBTU

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
MICHIGAN SOUTH CENTRAL P*	MI 607-78	500000.00LB/H	N	COAL-FIRED BOILER	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
SOURCE TYPE CODE -- 1.1							
MINNESOTA POWER & LIGHT *	MN EPA-5-77-A-6	500.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 1.1							
MONSANTO CO.	IA	150.00MMBTU/H	M	BOILER B-8 SPREADER-STOKER	NOX	.60LB/MMBTU 30 D *	B*
					PM	.03LB/MMBTU	B*
					SO2	1.95LB/MMBTU 3HR R*	B*
					VE	20.00%, 6 MIN AVG.	B*
SOURCE TYPE CODE -- 1.1							
MORGANTOWN ENERGY RESEAR*	WV 78WV08	98.30MMBTU/H	N	COAL/LIMESTONE CONVEYORS COAL/LIMESTONE DRYER COAL/LIMESTONE DRYER COAL/LIMESTONE DRYER COAL/LIMESTONE UNLOAD FLUIDIZED BED BOILER			
					NOX	34.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	86.00LB/H	B*
SOURCE TYPE CODE -- 1.1							
MUSCATINE POWER & WATER	IA	166.00MW (GROSS)	M	ASH HANDLING BOILER, UNIT #9, COAL/OIL/GAS	PM	.02GR/SCF	L*
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	L*
					SO2	.45LB/MMBTU 30D R*	L*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				COAL HANDLING	PM .56LB/MMBTU MAX D*	L*
SOURCE TYPE CODE -- 1.1					PM .01GR/SCF	L*
NE PUBLIC POWER DIST./GE* NE		650.00MW	N	BOILER, STEAM GEN, COAL FIRED	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 6.61						
NEBRASKA ALCOHOL FUEL CO* NE		10.00MMGAL/YR	N	BOILER	NO2 .50LB/MMBTU	
					PM .05LB/MMBTU	
					SO2 1.16LB/MMBTU	
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 1.1						
NEBRASKA PUBLIC POWER DI* NE		650.00MW		BOILER	CO 50.00PPM	
					NO2 .50LB/MMBTU 30 D *	
					PM .03LB/MMBTU	
					SO2 70.00% REMOVAL	
				COAL HANDLING	.38LB/MMBTU-30 D *	
SOURCE TYPE CODE -- 1.1					PM 20.00% OPACITY	
NEVADA POWER CO.	NV NV-77-01	560.00MW EA	N	ACTIVE COAL STORAGE SILOS ASH HANDLING,STOR. & DISPOSAL BOILERS, 4 EA		

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					CO 320.00LB/H	B*
					50.00PPM AT 20% EXC*	B*
					FL* 9.00LB/H	
					H2* 13.00LB/H	
					NOX 2498.00LB/H	B*
					.44LB/MMBTU	B*
					PM .02LB/MMBTU	B*
					10.00% OPACITY	B*
					SO2 566.00LB/H	B*
					.10LB/MMBTU	B*
				COAL DEWATERING PLANT		
					CO 26.00LB/H	
					50.00PPM	
					FL* 1.00LB/H	
					2.00LB/H	
					H2* 1.00LB/H	
					2.00LB/H	
					NOX 204.00LB/H	
					.44LB/MMBTU	
					SO2 46.00LB/H	
					.11LB/MMBTU	
				COAL FIRED BOILERS, 4	PM 11.40T/YR	
				FUEL OIL STORAGE		
				INACTIVE COAL STORAGE PILE		
				LIME CONVEYING, TRANSFER, ST*		
				PLANT ACCESS & HAUL ROADS		

PROCESS CODE -- 1.1

SOURCE TYPE CODE -- 3.3						
NEVADA PWR CO./REID GARD*	NV (R)NV 79-03	250.00MW	M	GENERATOR	NOX .50LB/MMBTU SB. C*	
					.60LB/MMBTU BIT. *	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.03LB/MMBTU	
					SO2	.29LB/MMBTU	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 6.61							
NEW ENERGY CORP.	IN EPA-5-A-82-1		N	COAL-FIRED BOILER	NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	L*
					SO2	1.20LB/MMBTU 3 H AV	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
NEW ENGLAND POWER CO., B*	MA APPR. LTR 10-0*	1080.00MW	M	COAL COMBUSTION			
					PM	.08LB/MMBTU	R*
					S	1.21LB/MMBTU MONTH*	R*
						2.31LB/MMBTU DAILY*	R*
SOURCE TYPE CODE -- 1.1							
NORFOLK & WESTERN RAILWA*	VA 79VA14	82.60MMBTU/H	M	BOILER,COAL-FIRED	PM	.23LB/MMBTU	B*
						56.50LB/H	B*
					SO2	2.11LB/MMBTU	B*
						523.10LB/H	B*
SOURCE TYPE CODE -- 1.1							
NORTHERN INDIANA PUBLIC *	IN EPA-5-A-80-18	7934.00MMBTU/H	N	BOILERS, COAL-FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	.62LB/MMBTU	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				FUGITIVE EMISSIONS, CONVEYORS FUGITIVE EMISSIONS, CRUSHER * FUGITIVE EMISSIONS, FLYASH &*		
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 12.0						
NORTHERN MICHIGAN UNIV.	MI 121-80		N	COAL-FIRED BOILERS, 3 EA	NOX .60LB/MMBTU PM .03LB/MMBTU SO2 1.40LB/MMBTU	
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 1.1						
NORTHERN STATE POWER CO.*	MN EPA-5-77-A-2	1600.00MW	N	BOILER, COAL FIRED, 2 EA	PM .10LB/MMBTU SO2 1.20LB/MMBTU	N* N*
SOURCE TYPE CODE -- 1.1						
NY STATE ELECT. & GAS - *	NY	635.00MW	N	COAL HANDLING FLYASH HANDLING LIMESTONE HANDLING MAIN BOILER	NOX .60LB/MMBTU PM .03LB/MMBTU SO2 .70LB/MMBTU .60LB/MMBTU	B* B* B* B*
SOURCE TYPE CODE -- 1.1						

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
OKLAHOMA GAS & ELECT. CO.	OK (R)PSD-OK-218	550.00MW	M	BIN TOWERS, COAL SURGE, 2 EA	PM	3.90LB/H	B*
				COAL CRUSHER TOWER	PM	3.40LB/H	B*
				COAL SILOS, 2 EA	PM	3.70LB/H	B*
				COAL STORAGE PILES	PM	5.80LB/ACRE	B*
				GEN. UNITS, COAL-FIRED, 2 EA	CO	.06LB/MMBTU	B*
					NOX	.50LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	.46LB/MMBTU	N*
				TUNNELS, COAL RECLAM., 2 EA	PM	2.80LB/H	B*
SOURCE TYPE CODE -- 1.1							
OKLAHOMA GAS & ELECT. CO.	OK PSD-OK-57	550.00MW	M	COAL FIRED BOILER	PM	.10LB/MMBTU 212.00LB/H	
					SO2	1.20LB/MMBTU 6180.00LB/H	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 10.1							
OLINKRAFT	LA (R)PSD-LA-037		N	BOILER	PM	.10LB/MMBTU	B*
					SO2	.73LB/MMBTU	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 7.9							
OWENSBORO GRAIN CO.	KY C-81-70	360000.00T SOYBEAN*	M	BOILER, COAL FIRED, & FUEL H*	NOX	.70LB/MMBTU	
					SO2	1.60LB/MMBTU	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 10.6							
PACKAGING CORP. OF AM	MI 681-80		M	BOILER, 2 TOTAL	PM	.10LB/MLB EXHAUST	
					SO2	1.67LB/MMBTU 24 H *	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
PENNSYLVANIA ELECT. CO.	PA 78PA13	625.00MW ONE	N	COAL AND ASH HANDLING			
				UTILITY BOILER, COAL FIRED	CO	.04LB/MMBTU	N*
					NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.63LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1							
PLAINS ELECT. GEN & TRANS	NM (R)PSD-NM-82	2471.00MMBTU/H	N	COAL HANDLING			
				FUGITIVES			
				LIMESTONE HANDLING			
				STEAM GENERATOR, COAL-FIRED	CO	.06LB/MMBTU	B*
					FL*	.00LB/MMBTU	B*
					NOX	.45LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	.20LB/MMBTU	B*
				STOCKPILING AND STORAGE			
SOURCE TYPE CODE -- 1.1							
PLATTE RIVER PWR-RAWHIDE	CO	250.00MW	N	BOILER	NOX	.50LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.03LB/MMBTU	B*
					SO2	.13LB/MMBTU	B*
				COAL CONV	PM	.53LB/H	B*
				COAL CRUSHING	PM	.40LB/H	B*
				COAL STORAGE	PM	40.40LB/H	B*
				COAL UNLOAD	PM	1.05LB/H	B*
				LIME STORAGE	PM	.04LB/H	B*
				SILO(ASH)	PM	.01LB/H	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 7.12							
R. J. REYNOLDS	NC	248.00MMBTU/H, *	N	BOILER, PULVERIZED COAL FIRE*	BE	.00GM/MMBTU	B*
					CO	.04LB/MMBTU	B*
					FL*	.00LB/MMBTU	B*
					HG	.00GM/MMBTU	B*
					NO2	.70LB/MMBTU	N*
					PB	.00GM/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
					VOC	.01LB/MMBTU	B*
SOURCE TYPE CODE -- 7.12							
R. J. REYNOLDS TOBACCO C*	NC 00405-0004-P	302.60MMBTU/H	M	BOILER	NO2	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
					VE	20.00% OPACITY	L*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.1							
SAGINAW STEERING GEAR	AL AL 064	121.40MMBTU/H	M	BOILER, COAL FIRED	PM	1.60LB/H	B*
					SO2	1.50LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1							
SALT RIVER PROJECT CORON*	AZ (R)AZP76-1	350.00MW	M	STEAM GEN. UNIT	NOX	.70LB/MMBTU	N*
					PM	.08LB/MMBTU	
					SO2	.80LB/MMBTU	
SOURCE TYPE CODE -- 1.1							
SANDOW STEAM ELECT. STAT*	TX PSD-TX-28	890.00MW	M	BOILER, LIGNITE FIRED	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
						6827.00LB/H	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 6.62							
SHELL CHEMICAL CO.	LA		N	BOILERS, 3 EA	CO	.06LB/MMBTU	B*
						38.00LB/H	B*
					NOX	.70LB/MMBTU	B*
						416.00LB/H	B*
					PM	.09LB/MMBTU	B*
						53.00LB/H	B*
					SO2	1.20LB/MMBTU	B*
						713.00LB/H	B*

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PROCESS CODE 1.1

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.1							
SIERRA PACIFIC POWER CO.	NV (R)NV 77-02	530.50MW	N	BOILERS, COAL FIRED, 2	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
SOURCE TYPE CODE -- 1.1							
SIKESTON BOARD OF MUNICI*	MO	235.00MW	N	BOILER, STEAM GEN, COAL FIRED	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1							
SOUTHWESTERN PUBLIC SERV*	TX (R)PSD-TX-50	567.00MW, 2 EA	N	STEAM TURBINE, COAL-FIRED	PM	.10LB/MMBTU	
					SO2	508.80LB/H	
						1.20LB/MMBTU	
SOURCE TYPE CODE -- 1.1							
SOYLAND POWER COOP.	IL 82 02 0030		N	BOILER	NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
						90.00% REMOVAL	N*
					SO2	1.20LB/MMBTU	N*
						90.00% REMOVAL	N*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 4.4							
STEELCASE, INC.	MI 51-80		N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.60LB/MMBTU	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 10.2							
SUNBELT FOREST PRODUCTS *	AL PSD-AL-073		N	BOILER, COAL, UNIT#2	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				BOILER, COAL, UNIT#3	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				BOILER, COAL, UNIT #1	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
SUNFLOWER ELECT. COOP., *	KS	348.00MW (GROSS)	N	BOILER, COAL-FIRED	CO	.06LB/MMBTU 30D R*	B*
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.48LB/MMBTU 30D R*	B*
SOURCE TYPE CODE -- 1.1							
SW ELECT. POWER	TX	720.00MW, 2 EA	N	BOILER, COAL FIRED UNIT #1	CO	.13LB/MMBTU 892.00LB/H	
					NOX	.60LB/MMBTU 4068.00LB/H	
					PM	203.00LB/H .03LB/MMBTU	
					SO2	.72LB/MMBTU 4882.00LB/H	
				BOILER, COAL FIRED UNIT #2	CO	.13LB/MMBTU 892.00LB/H	
					NOX	.60LB/MMBTU 4068.00LB/H	

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PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					PM 203.00LB/H	
					.03LB/MMBTU	
					SO2 .72LB/MMBTU	
					4882.00LB/H	
SOURCE TYPE CODE -- 1.1						
SW ELECT. POWER	LA (R)PSD-LA-117	720.00MW EA	M	BOILER, COAL FIRED	CO .80LB/MMBTU	B*
				BOILER, COAL FIRED	CO .80LB/MMBTU	B*
				BOILER, COAL FIRED	NOX .60LB/MMBTU	N*
				BOILER, COAL FIRED	NOX .60LB/MMBTU	N*
				BOILER, COAL FIRED	PM .10LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	N*
				BOILER, COAL FIRED	SO2 .60LB/MMBTU	N*
				COAL HANDLING		
SOURCE TYPE CODE -- 1.1						
SW ELECT. POWER	TX (R)PSD-TX-130	1440.00MW	N	BOILERS, 2 EA	CO .10LB/MMBTU	B*
					NOX .60LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .90LB/MMBTU	B*
				COAL STORAGE	PM 2.40LB/H	
				COAL TRANSFER	PM 2.40LB/H	
				COAL UNLOAD	PM 2.40LB/H	
				LIMESTONE STORAGE	PM .20LB/H	
				LIMESTONE TRANSFER	PM .60LB/H	
				LIMESTONE UNLOAD	PM .20LB/H	
SOURCE TYPE CODE -- 1.1						
SW ELECT. POWER	TX PSD-TX-64	720.00MW	M	COAL FIRED STEAM GEN	PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
					682.00LB/H	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 5.6						
SWANN OIL CO.	VA 78VA04	26000.00BPSD	N	BOILER, STEAM	CO .60LB/H	B*
					NOX 7.00LB/H	B*
					PM .50LB/H	B*
					SO2 .20LB/H	B*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 1.1						
S.C. PUBLIC SERVICE AUTH*	SC P/C-08-190	500.00MW		#3 GENERATOR	CO .04LB/MMBTU	B*
					NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	N*
					SO2 .41LB/MMBTU	B*
SOURCE TYPE CODE -- 1.1						
TACOMA CITY LIGHT	WA (R)PSD-X-82-06	1600.00MMBTU/H	N	BOILER	NOX .50LB/MMBTU	
					786.00LB/H	
					NOX 2926.00T/YR	
					SO2 .23LB/MMBTU	
					367.00LB/H	
					SO2 1366.00T/YR	
SOURCE TYPE CODE -- 1.1						
TAMPA ELECT. CO.	FL (R)PSD-FL-040	425.00MW	M	POWER GEN. UNIT	CO .01LB/MMBTU	B*
					61.00LB/H	B*
					NOX .60LB/MMBTU	B*
					2598.00LB/H	B*
					PM .03LB/MMBTU	N*
					130.00LB/H	N*
					SO2 .82LB/MMBTU	N*
					3576.00LB/H	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 9.18							
TENNESSEE EASTMAN CO.	TN		N	BOILER, 2	CO	.07LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.04LB/MMBTU	L*
					SO2	1.20LB/MMBTU	B*
					VOC	.03LB/MMBTU	L*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 6.62							
TENNESSEE EASTMAN CO.	TN TN 065		M	BOILER-COAL FIRED	PM	14.00LB/H	B*
					SO2	936.00LB/H	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 1.1							
TUCSON ELECT. POWER CO. *	AZ AZP 79-01	350.00MW	M	COAL FIRED GEN. UNITS	NOX	.44LB/MMBTU	
					PM	.03LB/MMBTU	
					SOX	.22LB/MMBTU	
						817.00LB/H	
SOURCE TYPE CODE -- 1.1							

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
TUCSON ELECT. POWER CO. *	AZ (R)AZ77-01	700.00MW	N	BOTTOM ASH COAL FIRED GEN. UNITS, 2	NOX	.70LB/MMBTU	N*
					PM	.03LB/MMBTU	B*
					SO2	.69LB/MMBTU	B*
				COAL HANDLING FLY ASH			
SOURCE TYPE CODE -- 1.1							
TVA - AFBC PILOT PLANT -*	KY C-80-18	200.00MMBTU/H	N	FLUIDIZE BED BOILER	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 12.0							
UNIVERSITY HOSPITAL	OH 1431070207B0C3	68.00MMBTU/H	M	BOILER, COAL FIRED	PM	.23LB/MMBTU	
					SO2	2.00LB/MMBTU	
SOURCE TYPE CODE -- 12.0							
UNIVERSITY OF CINCINATI	OH 1431070849		M	HEATING PLANT - COAL	PM	.18LB/MMBTU	
					SO2	1.60LB/MMBTU	
SOURCE TYPE CODE -- 12.0							
US AIRFORCE-MALMSTROM	MT	318.00MMBTU/H	M	3 HEATERS	NOX	.50LB/MMBTU	B*
						106.00LB/H	B*
					PM	7.60LB/H	B*
					SO2	.32LB/MMBTU	B*
						67.80LB/H	B*
PROCESS CODE -- 1.1							

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.1							
UTAH PWR & LT CO-HUNTER *	UT	1600.00MW	M	ACTIVE STORAGE	PM	2.00LB/H	B*
					VE	20.00% OPACITY	
				ASH SILO UNLD	VE	20.00% OPACITY	B*
				ASH SILO VENTS	PM	49.00LB/H	B*
					VE	20.00% OPACITY	
				BOILERS(3&4)	NOX	.55LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.12LB/MMBTU	B*
					VE	20.00% OPACITY	
				CONV	PM	5.00LB/H	B*
					VE	20.00% OPACITY	
				HAUL ROADS	PM	2.70LB/H	B*
				INACT STORAGE	PM	40.00LB/H	B*
					VE	20.00% OPACITY	
				LIME T/S	VE	20.00% OPACITY	B*
				SLUDGE MIX(ASH)	VE	20.00% OPACITY	B*
				TRANS	PM	1.00LB/H	B*
					VE	20.00% OPACITY	
				TRUCK UNLD	PM	.10LB/H	B*
					VE	20.00% OPACITY	
SOURCE TYPE CODE -- 1.1							
U.S. DOE, 4 - COAL PILOT*	KY C79121	70400.00T/YR	N	BOILER	CO	1.00T/YR	
					NO2	6.00T/YR	
					PM	2.00LB/H	
						10.00T/YR	
					SO2	3.00T/YR	
					VOC	1.00T/YR	
SOURCE TYPE CODE -- 1.1							
WASHINGTON WATER POWER C*	WA (R)PSD-X-83-01	2080.00MW	N	CGS BOILER	BE	.02LB/H ANNUAL AV	
					CO	332.00LB/H	
					FL*	1.15LB/H ANNUAL AV	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
WASHINGTON WATER POWER C* (CONTINUED)						
					HG .03LB/H ANNUAL AV	
					NOX .50LB/MMBTU SB. C*	
					.60LB/MMBTU, BIT.*	
					PB .27LB/H ANNUAL AV	
					PM .03LB/MMBTU	
					SO2 .22LB/MMBTU 30D R*	
					1140.00LB/H, 24 H ROL*	
					SU* 80.90LB/H ANNUAL AV	
					VE 20.00% OPACITY	
					VOC 3.32LB/H	
SOURCE TYPE CODE -- 1.1						
WEST TEXAS UTILITIES CO.	TX 9015	640.00MW (NET)	N	STEAM GENERATOR	NOX .50LB/MMBTU	
					PM .03LB/MMBTU	N*
					SO2 .50LB/MMBTU	N*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 10.1						
WESTVACO CORP.	SC SC-037	1500.00T/D ADP	N	POWER BOILER (COAL)	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 1.1						
WISCONSIN ELEC. POWER CO*	WI EPA-5-76-A-1	1160.00MW	N	BOILER, COAL FIRED, 2 EA	PM .10LB/MMBTU	. N*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU, OIL	N*
SOURCE TYPE CODE -- 1.1							
WISCONSIN POWER & LIGHT *	WI EPA-5-77-A-3	400.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 1.1							
WISCONSIN PUBLIC SERVICE*	WI EPA-5-77-A-4	321.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 6.62							
ALLIED CHEMICAL	LA (R)PSD-LA-104		M	BOILER	NOX	.30LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.07LB/MMBTU	B*
					VOC	.01LB/MMBTU	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 6.61							
AM. MODERN FOOD ENERGY S*	IA	40.00MMGAL/YR	N	TWO BOILERS, OIL/GAS	NOX	.25LB/MMBTU OIL	B*
						.20LB/MMBTU N.G.	B*
					PM	.03LB/MMBTU	N*
					SO2	.50LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 7.4							
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	10.00MMBBL/YR	M	OIL BOILERS, 3	CO	2.70LB/H EA	B*
						.04LB/MMBTU	B*
					NOX	32.10LB/H EA	B*
						.42LB/MMBTU	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 1.2							
ANHEUSER-BUSCH, INC.	VA 79VA15	98.00MMBTU/H	N	BOILER	SO2	1.07LB/MMBTU	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 1.6							
ATLANTIC SUGAR ASSOC.	FL (R)AC50-42389	195.00MMBTU/H	N	BOILER, NO. 6 OIL	SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 1.2							
A.I. DUPONT INSTITUTE	DE (R)79-DE-01	37.50MMBTU/H	M	BOILERS (3)	CO	2.50LB/H	B*
					NOX	30.00LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
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PROCESS CODE 1.2

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.58LB/H	B*
					SO2	66.70LB/H	B*
					VOC	.50LB/H	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 11.0							
A.O. SMITH CORP.	WI ATT-03-80-41-0*		M	BOILER	PM	.15LB/MMBTU	
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 7.12							
CAMPBELL SOUP CO.	NC NC-065	113.00MMBTU/H EA	N	BOILER	SO2	1.30LB/MMBTU	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 5.14							
CHEVRON USA, INC.	CA NSR-4-4-8 SJ-7*	450.00MMBTU/H	M	BOILERS, 9	PM	3.60LB/H	L*
					SO2	18.80LB/H	B*

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PROCESS CODE 1.2

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.2							
CRANSTON PRINT WORKS	NC NC-030	243.00MMBTU/H	N	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 1.5							
DEGUSSA CHEM CORP.	AL AL 072	205.68MMBTU/H	M	HEAT BOILER, FUEL OIL, NATUR*	NOX	.40LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 1.2							
FIRESTONE TIRE CO.	GA GA 067	96.40MMBTU/H	M	BOILER, OIL FUEL	PM	.16LB/MMBTU	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 6.55							
FIRESTONE TIRE CO.	NC NC-024	27700.00LB/H INPUT	N	BOILER	SO2	106.00LB/H	B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.2							
HOOKER CHEMICAL & PLASTI*	MD 78MD07	81.90MBTU/H	M	OIL FIRED BOILER	SO2	355.10LB/H	B*
SOURCE TYPE CODE -- 1.2							
HOUSTON LIGHTING & POWER	TX (R)PSD-TX-209	185.00MMBTU/H EA	N	BOILER, 2 EA	NOX	.30LB/MMBTU	B*
						55.00LB/H	B*
					PM	.10LB/MMBTU	B*
						18.35LB/H	B*
					SO2	.50LB/MMBTU	B*
						92.10LB/H	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 6.62							
MEREDITH/BURDA, INC.	NC NC-064	6200.00BTU/LB	N	BOILER	PM	4.00LB/H	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 10.6							
NATICK PAPERBOARD	MA 24-119-MA-13	60.00MMBTU/H	M	BOILER,REPLACEMENT,OIL-FIRED	SO2	145.94LB/H	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 6.61							

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION	LIMITATIONS	& BASIS
NEW ENERGY CORP.	IN EPA-5-A-82-1		N	OIL-FIRED BOILER	NOX	.60LB/MMBTU	
					PM	.02LB/MMBTU	L*
					SO2	.31LB/MMBTU	
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 1.2							
NORTHERN INDIANA PUBLIC *	IN EPA-5-79-A-25		N	GENERATOR, OIL FIRED, 2	NOX	75.00PPM	
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 1.1							
NY STATE ELECT. & GAS - *	NY	635.00MW	N	AUXILIARY BOILERS, 2			
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 1.6							
OSCEOLA FARMS CO.	FL FL-0012	288.00MMBTU/H	N	BOILER, NO.6 OIL	PM	.10LB/MMBTU INPUT	B*
					SO2	1.00% MAX S OIL	B*
					VE	30.00% OPACITY	B*
					VOC	2.00LB/T	S*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
SOURCE TYPE CODE -- 5.14							
PARAHO DEVELOPMENT CORP.	UT		N	PACKAGE BOILER	CO	5.00LB/MMGAL	
					NOX	22.00LB/MMGAL	
					PM	2.00LB/MMGAL	
					SO2	.50% S CONTENT	
					VOC	1.00LB/MMGAL	
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 10.1							
PORT ST. JOE	FL FL-075	882.00MMBTU/H	N	BOILER, OIL-FIRED	CO	25.20LB/H	N*
					NO2	226.80LB/H	N*
					PM	75.60LB/H	N*
					SO2	604.80LB/H	N*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 6.62							
PROCTOR & GAMBLE	GA GA 008		N	BOILER	SO2	1.00% S OIL	
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 10.6							
PROCTOR & GAMBLE PAPER P*	TX PSD-TX-89		N	STEAM GEN	NOX	30.00LB/H	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 8.5							
THE TIMKEN CO.	OH 1576051246	1.10MMT/YR	N	BOILERS, 3 EA.	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 5.5							
TOSCO CORP.	CA (R)SJ-78-26		M	CO BOILER	CO	45.70LB/H	L*
					NOX	41.00LB/H	B*
					SO2	.50% S FUEL	L*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 4.12							
W.F. HALL PRINTING CO.	GA 2754-036-8480	120.00MMBTU/H	N	BOILERS, 2	PM	.10LB/MMBTU	N*
					SO2	246.00LB/H	N*
						.80LB/MMBTU	N*
PROCESS CODE -- 1 3							
SOURCE TYPE CODE -- 5.5							
AMOCO, CAVE CREEK	UT	250.00MMSCFD SO*	N	GLYCOL REBOILER	NOX	2.10T/YR	B*

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PROCESS CODE 1.3

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					VE	20.00% OPACITY	
				REG GAS HEATER	NOX	3.60T/YR	B*
					VE	20.00% OPACITY	
				STAB REBOILER	NOX	9.20T/YR	B*
					VE	20.00% OPACITY	
				3 BOILERS	NOX	145.90T/YR	B*
					VE	20.00% OPACITY	
				8 HEATERS	NOX	.70T/YR	B*
					VE	20.00% OPACITY	
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 6.62							
ARCHER DANIELS MIDLAND	IL 81 07 0035		M	BOILER	NOX	.17LB/MMBTU	
SOURCE TYPE CODE -- 6.62							
BASF-WYANDOTTE	LA		M	STEAM BOILER	NOX	36.40LB/H	B*
						.12LB/MMBTU	B*
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 5.16							
COLORADO INTERSTATE GAS	OK (R)PSD-OK-358		M	BOILER	CO	.05LB/H	B*
					NOX	.32LB/H	B*
					PM	.01LB/H	B*
					SO2	.00LB/H	B*

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PROCESS CODE 1.3

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.3							
CONSUMERS POWER CO.	MI 99-81	175.00MLB/H	N	BOILERS, NAT. GAS, 3 EA	NOX	.20LB/MMBTU	
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 5.6							
HILL PETROLEUM CO.	LA (R)PSD-LA-286A		M	BOILER	CO	4.00LB/MMBTU GAS	
						1.50LB/MMBTU PROPA*	
					NOX	.10LB/MMBTU GAS	
						.11LB/MMBTU PROPA*	
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 4.2							
INTERNAT. LABEL MFG. FAC.	TN PSD-TN-060		N	BOILERS, NAT. GAS, 3 EA	SO2	152.68T/YR	B*
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 6.61							
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	23.00MMGAL/YR *	N	AUXILIARY BOILER, NAT. GAS	NOX	.00LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 9.8							
PPG INDUSTRIES	TX (R)PSD-TX-290		N	BOILERS, 2	NOX	4.80LB/H	B*
						.23LB/MMBTU	B*
					PM	.30LB/H	
						.01LB/MMBTU	
					SO2	.01LB/H	B*
						.00LB/MMBTU	B*
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 6.62							
PPG INDUSTRIES	WV 79WV06	243.00MMBTU/H	M	BOILER	NOX	.70LB/MBTU	B*
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 5.14							
RIO BLANCO OIL SHALE-#1	CO	2.00MBBL/D	M	HEATER	NOX	1.00LB/H	B*
				2 BOILERS	NOX	39.60LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 6.61							
ROCK ISLAND LIQUID FUELS*	IL 81100017	20.00MMGAL/YR	N	NAT. GAS FIRED BOILER	CO	.43LB/H	
					NOX	4.50LB/H	
					SO2	.02LB/H	
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 6.59							
SHINLOCH, INC.	TX (R)PSD-TX-327	350.00MT/YR	M	STEAM BOILER	NOX	.12LB/MMBTU	B*
				STEAM BOILER	NOX	.12LB/MMBTU	B*
SOURCE TYPE CODE -- 6.59							
SHINTECH, INC.	TX PSD-TX-285	350.00MT/YR	M	BOILER, 2	PM	.30LB/H	
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 1.3							
SOUTHERN NAT. GAS	MS (R)PSD-MS-036	2u00.00HP	M	ENGINE, NAT. GAS	CO	10.50LB/H	N*
						46.20T/YR	N*
					NOX	37.40LB/H	N*
						163.90T/YR	N*
PROCESS CODE -- 1.3							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 10.1							
PORT ST. JOE	FL FL-075	882.00MMBTU/H	N	BOILER, BARK	CO	25.20LB/H	N*
					NO2	264.00LB/H	N*
					PM	88.21LB/H	N*
					SO2	705.70LB/H	N*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 11.0							
PROCTOR & GAMBLE	NY	360.00MMBTU/H	N	BOILER	CO	.22LB/MMBTU	
					PM	.10LB/MMBTU	B*
						.05GR/DSCF	B*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.1							
ST REGIS PAPER CO.	FL PSD-FL-041		M	BARK FIRED BOILER	PM	.10LB/MMBTU	N*
					SO2	.64LB/MMBTU	N*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 1.4							
ULTRASYSTEMS INC.	CA 82-PO-32	145.00MMBTU/H	N	BOILER	CO	126.00T/YR	
					NOX	139.00T/YR	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.04GR/DSCF	
					SOX	21.00T/YR	
					VOC	55.00T/YR	
SOURCE TYPE CODE -- 1.4							
WATSON ENERGY SYS, INC.	CA (R)LA 77-02	1440.00T/D WOOD *	N	STEAM GEN. UNITS, 4, WASTE/F*	NOX	83.00LB/H	L*
					PM	4.00LB/H	L*
					SO2	64.00LB/H	L*
SOURCE TYPE CODE -- 1.4							
WESTERN KRAFT	KY KY-146	450.00MMBTU/H	N	BOILER, WOODWASTE	NOX	.40LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	.32LB/MMBTU	B*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.1							
WESTVACO CORP. - FIVE PA*	KY C-77-123	600.00ADT	M	BOILER, BARK	NOX	.30LB/MMBTU LIQ. *	N*
						.70LB/MMBTU SOLID*	N*
					PM	.10LB/MMBTU	B*
						46.30LB/H	B*
					SO2	1.20LB/MMBTU SEE N*	B*
						469.60LB/H	B*
SOURCE TYPE CODE -- 10.1							
WILLIAMETTE INDUSTRIES, *	KY C-80-24	120000.00T/YR	M	WOOD WASTE BOILER	NOX	.70LB/MMBTU NOTE#1	B*
					PM	.04LB/MMBTU	B*
					SO2	.32LB/MMBTU	B*

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PROCESS CODE 1.5

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.5							
AMES MUNICIPAL POWER PLA*	IA	65.00MW	M	BOILER, UNIT #8, STEAM GEN.	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 5.2							
ASHLAND OIL, INC.	KY C-82-127	55000.00BBL/D	M	BOILER, PACKAGED, OIL/GAS	PM	17.00T/YR	
					SO2	345.00T/YR	
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 10.2							
BEAR ISLAND PAPER CO.	VA 50840		M	BOILER, WOOD/COAL FUEL	NOX	1210.00T/YR WOOD FUEL	N*
						1210.00T/YR COAL FUEL	N*
					PM	205.00T/YR WOOD FUEL	N*
						174.00T/YR COAL FUEL	N*
					SO2	1638.00T/YR WOOD FUEL	N*
						2092.00T/YR COAL FUEL	N*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 10.6							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.02LB/MMBTU	B*
					SO2	.32LB/MMBTU	B*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 1.5							
HOOKER ENERGY CORP.	NY NONE	2360.00T/D	N	RDF/COAL FIRED BOILERS	NOX	.70LB/MMBTU COAL	
						.30LB/MMBTU OIL	
					PM	.10LB/MMBTU COAL	
						.07LB/MMBTU OIL	
					PM	.03GR/DSCF REFUSE	
					SO2	1.20LB/MMBTU COAL	
						.80LB/MMBTU OIL	
					VE	20.00% OPACITY COAL	B*
						20.00% OPACITY OIL	B*
					VE	20.00% OPACITY REFU*	B*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 7.12							
HTC INDUSTRIES	TX 8710		N	GAS/OIL FIRED BOILERS, 2	CO	3.30LB/H	
					NOX	.30LB/H	
					PM	.75LB/H	
					SO2	5.40LB/H	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 10.4							
KIRBY FOREST INDUSTRIES	TX (R)PSD-TX-280		M	BOILER, FBD WOOD WASTE FIRE	PM	10.70LB/H	
PROCESS CODE -- 1 4							
SOURCE TYPE CODE -- 10.6							
LOUISIANA-PACIFIC CORP.	ME	240.00T/D	N	NO. 1 WOOD BOILER	PM	.15LB/MMBTU	B*
				NO. 1 WOOD FIRED DRYER	PM	1.84LB/T WAFER BD	B*
				NO. 2 WOOD BOILER	PM	.15LB/MMBTU	B*
				NO. 2 WOOD FIRED DRYER	PM	1.84LB/T WAFER BD	B*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 1.4							
MCNEIL GENERATING STATION	VT	50.00MW	N	WOOD FIRED FURNACE	PM	.01LB/MMBTU .01GR/DSCF AT 12%*	
SOURCE TYPE CODE -- 1.4							
PANORAMA ENERCORP, INC	WA (R)PSD-X81-15	37.00MW	N	BOILER	CO	107.30LB/H	B*
					NOX	.17LB/MMBTU	B*
					PM	.01GR/DSCF 12% CO2	
					VOC	36.50LB/H	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 6.62							
E.I. DUPONT DE NEMOURS	TX (R)PSD-TX-335		M	BOILER	NOX	.30LB/MMBTU OIL	
						.60LB/MMBTU COAL	
					PM	.05LB/MMBTU OIL	
						.08LB/MMBTU COAL	
					SO2	.79LB/MMBTU OIL	
						1.69LB/MMBTU COAL	
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 10.1							
FEDERAL PAPERBOARD CO.	NC NC-081	1095.00MMBTU/H	N	BOILER	PM	.04GR/CF	B*
					SO2	979.00T/H	B*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 1.5							
FERRO CHEMICAL DIV OF FE*	OH 13-956		N	BOILER	PM	.17LB/H	
						.05LB/MMBTU	
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 10.2							
FLAMBEAU PAPER CORP.	WI MAA-10-CWB-81-*	150000.00LB/H	M	80/20 WOOD/COAL BOILER	NOX	.70LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.08LB/MMBTU WOOD/*	B*
						.10LB/MMBTU COAL	B*
					SO2	1.20LB/MMBTU	L*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 1.5							
FLORIDA POWER & LIGHT	FL FL-047	3600.00MMBTU/H	M	COAL PULVERIZERS	PM	7.70LB/H	N*
						11.09T/YR	N*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 10.2							
FORT HOWARD PAPER CO.	OK (R)PSD-OK-404		M	BOILER	CO	.06LB/MMBTU COAL	B*
						.03LB/MMBTU OIL	B*
					CO	.02LB/MMBTU GAS	B*
					NOX	.70LB/MMBTU COAL	B*
						.30LB/MMBTU OIL	B*
					NOX	.20LB/MMBTU GAS	B*
					PM	.10LB/MMBTU COAL	B*
						.07LB/MMBTU OIL	B*
					PM	.01LB/MMBTU GAS	B*
					SO2	1.20LB/MMBTU COAL	B*
						.73LB/MMBTU OIL	B*
					SO2	.00LB/MMBTU GAS	B*
					VOC	.02LB/MMBTU GAS	
						.01LB/MMBTU OIL	
					VOC	.00LB/MMBTU GAS	

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PROCESS CODE 1.5

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 1.5							
GILMAN PAPER CO.	GA GA-071	691.00MMBTU/H	M	BOILER, COAL/WOODWASTE	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 6.24							
GULF OIL CHEMICALS	TX (R)PSD-TX-299	690.00MMLB/YR	N	BOILERS, 4 EA	NOX	.30LB/MMBTU OIL	B*
						.12LB/MMBTU GAS	B*
					PM	.02LB/MMBTU OIL	B*
						.01LB/MMBTU GAS	B*
					SO2	.75LB/MMBTU OIL	B*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 1.5							
GULF STATES UTILITY	LA (R)PSD-LA-305	4457.00MMBTU/H	M	BOILER	CO	.01LB/MMBTU COAL *	B*
						.03LB/MMBTU OIL	B*
					NOX	.19LB/MMBTU COAL *	B*
						.30LB/MMBTU OIL	B*
					PM	.03LB/MMBTU COAL *	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.01LB/MMBTU OIL	B*
					SO2	.62LB/MMBTU COAL *	B*
						.66LB/MMBTU OIL	B*
				COAL DELIVERY	PM	.08LB/H	B*
				COAL GASIFIER	CO	.69LB/T	B*
				COAL GASIFIER	CO	.01LB/T	B*
				COAL GASIFIER	NOX	.03LB/T	B*
				COAL GASIFIER	NOX	.01LB/T	B*
				COAL GASIFIER	PM	.03LB/T	B*
				COAL GASIFIER	PM	.01LB/T	B*
				COAL GASIFIER	SO2	.10LB/T	B*
				COAL GASIFIER	SO2	.19LB/T	B*
				CRUSHING/SCREENING	PM	.14LB/H	B*
				PULVERIZING	PM	.08LB/H	B*
				TURBINE	CO	.13LB/MMBTU OIL	B*
						.09LB/MMBTU GAS	B*
				TURBINE	CO	.09LB/MMBTU	B*
				TURBINE	NOX	.27LB/MMBTU OIL	N*
						.27LB/MMBTU GAS	N*
				TURBINE	NOX	.25LB/MMBTU	N*
				TURBINE	PM	.21LB/MMBTU OIL	B*
						.00LB/MMBTU GAS	B*
				TURBINE	PM	.00LB/MMBTU	B*
				TURBINE	SO2	.68LB/MMBTU OIL	B*
						.00LB/MMBTU GAS	B*
				TURBINE	SO2	.21LB/MMBTU	B*

PROCESS CODE -- 1.5

SOURCE TYPE CODE -- 6.62

HCC CHEMICAL CO.	LA (R)PSD-LA-108	N	BOILER, GAS/OIL	CO	.04LB/MMBTU		B*
				NOX	.30LB/MMBTU		N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CENTRAL SOYA	OH 03-779	51.20MMBTU/H	N	FLUIDIZIED BED BOILER	PM	.02LB/MMBTU	
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 10.1							
CHAMPION INTERNAT. CORP.	MI 33-80		N	REC. BOILER,BLACK LIQUOR FUEL	PM	.04GR/DSCF	N*
					TRS	5.00PPM BY VOL	
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.5							
CHAMPLIN PETROLEUM CO.	TX TX-337		M	BOILERS, 3 (FUEL GAS ONLY)	NOX	5.60LB/H	B*
						.12LB/MMBTU	B*
					SO2	1.20LB/H	N*
						.03LB/MMBTU	N*
SOURCE TYPE CODE -- 5.5							
CITIES SERVICE CO.	LA		M	POWER HOUSE BOILER, B-A3,3C	NOX	60.50LB/H	B*
						.35LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
				POWER HOUSE BOILER, B-3, B-3B	NOX	60.50LB/H	B*
						.01LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
SOURCE TYPE CODE -- 5.5							
COASTAL STATES PETROLEUM	TX TX-243	225.00MBPSD	M	BOILER, UTILITY	CO	1.60LB/H	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 6.27						
AMERICAN HOECHST	TX 5252	900.00MMLB/YR	N	BOILERS, 4 & HEATERS, 6	NOX 569.00T/YR	A*
					.18LB/MBTU	A*
					PM 15.00T/YR	
					SO2 1.10T/YR	
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 7.4						
ANHEUSER-BUSCH, INC.	CA (R)LA-78-18		M	STEAM BOILERS, 2 EA	NOX .27LB/MMBTU	L*
					.47LB/MMBTU	L*
					SO2 .21% S FUEL OIL	B*
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 1.6						
ATLANTIC SUGAR ASSOC.	FL (R)AC50-42389	195.00MMBTU/H	N	BOILER, BAGASSE	PM .15LB/MMBTU INPUT	B*
				BOILER, BAGASSE	PM .15LB/MMBTU INPUT	B*
					VOC 2.00LB/T BAGASSE F*	S*
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 10.2						

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
AUGUSTA NEWSPRINT CO.	GA 2621-121-8497	400.00MMBTU/H	N	BOILER	NOX .30LB/MMBTU BARK/*	N*
					.20LB/MMBTU BARK/*	N*
					PM .10LB/MMBTU	N*
					SO2 .80LB/MMBTU	
					298.00LB/H	
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 1.1						
CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-106	6507.00MMBTU/H	N	BOILER, LIGNITE FIRED	CO .09LB/MMBTU	
					NOX .60LB/MMBTU	
					PM .03LB/MMBTU	N*
					SO2 1.08LB/MMBTU	
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 7.12						
CAMPBELL SOUP CO.	OH 0335010105		N	3 FLUIDIZED BED BOILERS		
					PM .10LB/MMBTU	
					SO2 1.60LB/MMBTU	
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 1.6						

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				BOILER, UTILITY		.02LB/MMBTU	B*
					CO	1.60LB/H	B*
				BOILER, UTILITY		.02LB/MMBTU	B*
					NOX	10.60LB/H	B*
				BOILER, UTILITY		.12LB/MMBTU	B*
					NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
SOURCE TYPE CODE -- 5.5							
DIAMOND SHAMROCK CORP.	TX TX-346	60000.00BBL/D	M	PROCESS BOILER, 2	CO	6.81LB/H	B*
					NOX	130.00LB/H	B*
					PM	10.06LB/H	B*
					SO2	103.87LB/H	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 2.1							
ENERGY ANSWERS CORP.	MA 025-120MA14	1800.00T/D RDF	N	BOILER,WATER-COOLED, 3 EA.	NOX	.50LB/MMBTU	B*
					PM	.05GR/DSCF 12% CO2	B*
					SO2	.30% S OIL	B*
						.23LB/MMBTU	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.59							
FORMOSA PLASTICS	TX (R)PSD-TX-226	957.00MT/YR	M	BOILERS, 5 EA	NOX	.11LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 5.5							
LONGVEIW REFIN.	TX PSD-TX-364	30000.00BPSD	M	BOILERS, 2	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.03LB/MMBTU	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 1.6							
METROPOLITAN SERVICE DIS*	OR 03-2667	2010.00T/D	N	BOILERS, 3	CO	1.43LB/T	B*
					FL*	.02LB/T	B*
					HCL	.67LB/T	B*
					HG	.00LB/T	B*
					NOX	3.58LB/T	B*
					PB	.01LB/T	B*
					PM	.02GR/DSCF	L*
					SO2	.57LB/T	B*
					TE*	.00LB/T	B*
					VOC	.12LB/T	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.6							
MITCHELL ENERGY	TX (R)PSD-TX-139	10.00MBPSD	N	BOILER	VOC	.00LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 5.5							
NEDERLAND PROCESSING CO.	TX TX-262	35.00MBPSD	N	BOILER	CO	6.20LB/H OIL	B*
						.04LB/MMBTU OIL	B*
					CO	2.60LB/H GAS	B*
						.02LB/MMBTU GAS	B*
					NOX	51.00LB/H OIL	B*
						.30LB/MMBTU OIL	B*
					NOX	20.40LB/H GAS	B*
						.12LB/MMBTU GAS	B*
					PM	8.90LB/H OIL	B*
						.05LB/MMBTU OIL	B*
					PM	2.30LB/H GAS	B*
						.01LB/MMBTU GAS	B*
					SO2	79.30LB/H OIL	B*
						.47LB/MMBTU OIL	B*
					SO2	4.20LB/H GAS	B*
						.03LB/MMBTU GAS	B*
					VOC	1.20LB/H OIL	B*
						.01LB/MMBTU OIL	B*
					VOC	.50LB/H GAS	B*
						.01LB/MMBTU GAS	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 2.1							
NESWC RESOURCE RECOVERY *	MA 029-121MA16	62.50T/H WASTE	N	AUXILIARY BOILER, 1	CO	.04LB/MMBTU	B*
					NOX	.16LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SOX	.02LB/MMBTU	B*
				STEAM GENERATING UNITS, 2 IN*	SO2	.34LB/MMBTU	B*
					CO	.07LB/MMBTU	B*
					NOX	.32LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.05GR/DSCF AT 12%*	B*
					SOX	.02LB/MMBTU	B*
					SO2	.34LB/MMBTU	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 1.6							
OCCIDENTAL GEOTHERMAL - *	CA NSR-4-4-1 NC-8*	80.00MW	N	POWER PLANT	H2S	8.00LB/H	
SOURCE TYPE CODE -- 1.6							
OSCEOLA FARMS CO.	FL FL-0012	288.00MMBTU/H	N	BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.14							
OXY-LOGAN WASH MODIF.1980 CO		1.00MBBL/D	M	BOILER, ETC	CO	2.00LB/H	B*
					NOX	52.00LB/H	B*
					PM	7.00LB/H	B*
					SO2	31.00LB/H	
					VOC	3.00LB/H	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 1.6							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PACIFIC GAS & ELECTRIC C*	CA (R)NSR-4-4-3 *		N	POWER PLANT	H2S	10.40LB/H	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.61							
PEAT METHANOL ASSOCIATES	NC 4930		N	PEAT BOILER	PM	9.70LB/H	
						.03LB/MMBTU	
					SO2	153.00LB/H	
						.51LB/MMBTU	
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.5							
PETRACO VALLEY OIL & REF*	TX TX-236		N	BOILER	CO	2.30LB/H	B*
						.01LB/MMBTU	B*
					NOX	31.70LB/H	B*
						.12LB/MMBTU	B*
					PM	1.90LB/H	B*
						.01LB/MMBTU	B*
					SO2	3.40LB/H	N*
						.01LB/MMBTU	N*
					VOC	.40LB/H	B*
						.00LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.6							
HOUSTON LIGHTING & POWER	TX (R)PSD-TX-371	1500.00MW	N	BOILER, LIGNITE-FIRED, 2 EA	BE	.00LB/MMBTU	B*
					CO	.11LB/MMBTU	B*
					HG	.00LB/MMBTU	B*
					H2*	.03LB/MMBTU	B*
					NOX	.60LB/MMBTU	N*
					PB	.00LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					VOC	.00LB/MMBTU	B*
				FEED SILO, WASTE BLENDING	PM	.12LB/H	B*
				FLYASH SILO	PM	.12LB/H	B*
				LIMESTONE FEED SILO, 3 EA	PM	.01LB/H	B*
				LIMESTONE LOADOUT	PM	.02LB/H	B*
				LIMESTONE RAILCAR UNLOAD	PM	1.33LB/H	B*
				LIMESTONE RECLAIM TUNNEL	PM	.02LB/H	B*
				LIMESTONE RECLAIM & TRANSFER	PM	.05LB/H	B*
				LIMESTONE STORAGE PILE	PM	.37LB/H	B*
				PUGMILL, WASTE BLENDING	PM	.21LB/H	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 10.1							
INTERNATIONAL PAPER CO.	AR 78-AR-1	683.40MMBTU/H	N	STEAM BOILER	CO	70.00LB/H	
					NOX	480.00LB/H	
					PM	.10LB/MMBTU	
					SO2	820.00LB/H	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 6.62						
UNION CARBIDE	GA GA 069		M	BOILERS	SO2 418.00T/YR	
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 5.6						
VIRGIN ISLANDS REFINERY *	VI NONE	200.00MBPSD	N	BOILERS, FOSSIL FIRED, 3	CO 14.00T/YR	B*
					NOX .20LB/MMBTU GAS	B*
					.30LB/MMBTU OIL	B*
					PM .35LB/MMBTU	B*
					SO2 20.00PPM H2S GAS	B*
					.33% S BY WT., OIL	B*
					VOC 3.00T/YR	B*
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 10.1						
WESTVACO CORP.	SC SC-037	1500.00T/D ADP	N	#10 RECOVERY BOILER	NOX .25LB/MMBTU	B*
					PM .03GR/DSCF	B*
					SO2 250.00PPM	B*
					TRS .02LB/T BLS	N*
SOURCE TYPE CODE -- 10.1						
WEYERHAEUSER CO.	MS PSD-MS-027	186000.00T/YR	N	POWER BOILER, COMBUSTION FUEL	NOX .70LB/MMBTU COAL	N*
					.30LB/MMBTU OIL	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU COAL	N*
					.60LB/MMBTU OIL	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 5.14						
WHITE RIVER SHALE OIL CO*	UT MAJ 053082-IT	106000.00BPSD	N	BOILER & POWER PLANTS (3 STK)	NOX .20LB/MMBTU 487.50LB/H	
					PM .03LB/MMBTU 73.20LB/H	
					SO2 .07LB/MMBTU 166.90LB/H	

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	SOURCE TYPE	CODE
1.	External Combustion	1.0
	Coal combustion	1.1
	Oil combustion	1.2
	Natural gas combustion	1.3
	Wood waste combustion	1.4
	Multiple fuels	1.5
	Other	1.6
2.	Solid Waste Disposal	2.0
	Refuse incineration	2.1
	Sewage sludge incineration	2.2
	Other	2.3
3.	Internal Combustion	3.0
	Natural gas turbines	3.1
	Natural gas compressors	3.2
	Other	3.3
4.	Organic Evaporation Loss	4.0
	Surface coating of cans and coils	4.1
	Surface coating of paper and fabrics	4.2
	Surface coating of automobiles and light duty trucks	4.3
	Surface coating of metal furniture	4.4
	Surface coating of magnet wire	4.5
	Surface coating of large appliances	4.6
	Surface coating of miscellaneous metal parts and products	4.7
	Surface coating of flatwood paneling	4.8
	Solvent degreasing	4.9
	Waste solvent reclamation	4.11
	Graphic arts	4.12
	Dry cleaning	4.13
	Other	4.14
5.	Petroleum Refining, Oil and Gas Production and Related Industries	5.0
	Petroleum refining - separation processes (distillation & light ends recovery)	5.1
	Petroleum refining - conversion processes (cracking, reforming, alkylation, polymerization, isomerization, and coking)	5.2
	Petroleum refining - treating processes (hydrodesulfurization, hydrotreating, chemical sweetening, acid gas removal, and deasphalting)	5.3

SOURCE TYPE	CODE
Petroleum refining - feedstock (storage, blending, loading, and unloading)	5.4
Petroleum refining - auxiliary (boilers, wastewater treatment, hydrogen production, sulfur recovery, cooling towers, blow-down system, compressor engines, heaters, and incinerators)	5.5
Petroleum refining -entire operation	5.6
Bulk terminals	5.7
Bulk plants	5.8
Storage of petroleum liquids	5.9
Transportation and marketing of petroleum products	5.11
Natural gas/gasoline processing plants	5.12
Asphalt and associated products manufacturing and processing	5.13
Crude petroleum and natural gas production including oil shale	5.14
Oil and gas field services	5.15
Other	5.16
6. Chemical Process Industry	6.0
Acrylonitrile	6.1
Acetic acid	6.2
Acrylic acid	6.3
Acetic anhydride	6.4
Acrolein	6.5
Acetaldehyde	6.6
Adipic acid	6.7
Aniline	6.8
Alkylbenzene	6.9
Butadiene	6.11
Carbon black	6.12
Charcoal	6.13
Chloroalkali	6.14
Chlorobenzene	6.15
Chloromethane	6.16
Chloroprene	6.17
Caprolactam	6.18
Cyclohexanol, cyclohexane	6.19
Cumene	6.21
Dimethyl terephthalate	6.22
Ethylene dichloride	6.23
Ethylene and polyethylene	6.24
Ethylene oxide	6.25
Ethylene glycols	6.26
Ethylbenzene/styrene	6.27
Ethyl acetate	6.28
Epichlorohydrin	6.29
Fluorocarbons	6.31
Formaldehyde	6.32
Glycol ethers	6.33
Hydrochloric acid	6.34
Hydrofluoric acid	6.35

SOURCE TYPE	CODE
Secondary lead smelting	8.12
Secondary magnesium smelting	8.13
Steel foundaries	8.14
Secondary zinc processing	8.15
Storage battery production/reclamation	8.16
Lead oxide and pigment production	8.17
Miscellaneous lead products	8.18
Ore crushing and grinding	8.19
Sintering	8.21
Other	8.22
9. Mineral Products Industry	
Asphalt batching plants	9.0
Bricks, ceramic, and related clay products	9.1
Refractories	9.2
Portland cement manufacturing	9.3
Cement manufacturing - other than Portland	9.4
Coal cleaning	9.5
Coal cleaning (thermal dryer)	9.6
Glass fiber manufacturing	9.7
Frit manufacturing	9.8
Glass manufacturing	9.9
Gypsum manufacturing	9.11
Lime manufacturing	9.12
Mineral wool manufacturing	9.13
Perlite manufacturing	9.14
Phosphate rock processing	9.15
Stone quarrying, sand and gravel processing	9.16
Taconite ore processing	9.17
Mining operations	9.18
Other	9.19
	9.21
10. Wood Products	
Kraft pulp mills	10.0
Wood pulping other than Kraft	10.1
Hardboard	10.2
Plywood plants	10.3
Woodworking	10.4
Other	10.5
	10.6
11. General Manufacturing and Fabrication	11.0
12. Institutional/Commercial	12.0

KG	kilogram
KW	kilowatt
LB	pound
LT	long ton
M	thousand (10^3)
MM	million (10^6)
MG/L	milligram per liter
MW	megawatt
N	natural
NG	nanogram
PPM	parts per million
PPH	parts per hundred
RDF	refuse derived fuel
RESID	residual
S	sulfur
SB	subbituminous
SCF	standard cubic feet
SCFD	standard cubic feet per day
SCFM	standard cubic feet per minute
SEC	second
SQF	square feet
T	ton
VOL	volume
WKS	weeks
YR	year

SOURCE TYPE	CODE
Maleic anhydride	6.36
Methanol	6.37
Methyl ethyl ketone	6.38
Nitric acid	6.39
Nitrobenzene	6.41
Paint and varnish	6.42
Pharmaceutical	6.43
Phosphoric acid	6.44
Phthalic anhydride	6.45
Proylene oxide	6.46
Phenol/acetone	6.47
Soap and detergents	6.48
Sodium carbonate	6.49
Sulfuric acid	6.51
Sulfur recovery	6.52
Synfuels and fuel conversion other than oil shale	6.53
Synthetic fibers	6.54
Synthetic rubber/rubber tires	6.55
Toluene diisocyanate	6.56
Trichloroethane	6.57
Terpthalic acid	6.58
Vinyl chloride and polyvinyl chloride	6.59
Alcohol fuel production	6.61
Other	6.62
7. Food and Agricultural	
Alfalfa dehydrating	7.0
Roasting	7.1
Feed and grain mills and elevators	7.2
Fermentation and alcoholic beverages	7.3
Fish processing	7.4
Fertilizer plants	7.5
Starch manufacturing	7.6
Sugar cane processing	7.7
Fats and vegetable oils	7.8
Fruit and vegetable processing	7.9
Other	7.11
	7.12
8. Metallurgical	
Primary aluminum production	8.0
Coke production	8.1
Primary copper smelting	8.2
Ferroalloy production	8.3
Iron and steel production	8.4
Primary lead smelting	8.5
Zinc smelting	8.6
Secondary aluminum	8.7
Secondary copper smelting and alloying	8.8
Gray iron foundaries	8.9
	8.11

Mail To: Gary Rust
BACT/LAER Clearinghouse
U.S. EPA (MD-15)
RTP, NC 27711

BACT/LAER DETERMINATION REPORT

Source Category

Date of This Report

Source Type/Size: _____

Company Name/Site Location: _____

Determination is: (circle appropriate definition)

BACT/LAER For New/Modified Source:

Permit No.: _____

Date of Permit Issuance: _____

Date of Estimated Start-up: _____

Determination Made By: _____ (Agency) _____ (Person Directly Knowledgable About Permit) _____ (Phone)

Permit Parameters: (List all processes subject to this permit)	Throughput capacity, weight rate, Btu input, etc.	Pollutant(s) emitted (SO_2 particulate, etc.)	BACT/LAER emission limit(s) and basis for the limits* (units of emissions/ units of input	Control equipment or process modification description**	Eff.%

Notes***: _____

*Indicate basis of emissions limit, i.e., BACT determined simply by technology and economics, NSPS, LAER, or determined by NAAQS or PSD increment constraints. (Example: 0.05 pounds particulate per million Btu input limit needed to protect Class I increment.) To promote consistency, please use NSPS emission limits where possible.

**To the extent possible in the space available, describe basic control or process equipment design details. Indicate unique or innovative features.

***Notes are optional and can address special items, unusual circumstances, or other clarifying information such as SIC codes.

APPENDIX E

ABBREVIATIONS FOR PROCESS AND EMISSION LIMITS

Abbreviations for Process and Emission Limits

ADD	additive
AL	aluminum
AM	American
ASSOC	association
ATMOS	atmospheric
CALC	catalytic
CO	company
COLL	collection
COOP	cooperative
CORP	corporation
DECARB	decarbonization
DESULF	desulfurization
DISTIL	distillation
DISTN	distribution
DIV	division
E	eastern
EA	each
ELECT	electric
FAC	facility
FCC	fluid catalytic cracking
FCCU	fluid catalytic cracking unit
FURN	furnace

GEN	generator
HAND	handling
I.C.	internal combustion
INCIN	incinerator
INDEPEN	independent
INTERNAT	international
LAB	laboratory
LDOUT	loadout
LIQ	liquid
LT	light
MATL	material
MFG	manufacturing
MISC	miscellaneous
MODIF	modification
NAT	natural
NATL	national
PREP	preparation
PROD	production
PWR	power
REC	recovery
RECIP	reciprocating

RECLAM	reclaimation
REFIG	refrigeration
REFIN	refinery
REG	regular
REGEN	regenerator
RESID	residual
ROT	rotary
SCRUB	scrubber
SECOND	secondary
SHIP	shipping
STOR	storage
SUP	supplementary
SYS	system
TRANS	transmission
UNIV	university
VAC	vacuum
VERT	vertical

ACF	actual cubic feet
ACFM	actual cubic feet per minute
ADP	air dried pulp
AV	average
BBL	barrels
BLS	black liquor solids
BPSD	barrels per stream day
BTU	British thermal units
CF	cubic feet
CFM	cubic feet per minute
CU YD	cubic yard
D	day
D FEED	dry feed
DACF	dry actual cubic feet
DIST	distillate
DSCF	dry standard cubic feet
.F	feet
G	gram
G/HP-H	grams per horsepower - hour
G/O	gas/oil
GAL/M	gallons per minute
GR	grains
H	hour
HP	horsepower
J	joule

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	6.90LB/H	
					SO2	75.90LB/H	
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 6.62							
SHELL CHEMICAL CO.	LA		N	BOILER, 2 TEMPORARY	CO	.03LB/MMBTU	B*
						6.53LB/H EA	B*
					NOX	.30LB/MMBTU	B*
						59.60LB/H EA	B*
					PM	.10LB/MMBTU	B*
						19.90LB/H EA	B*
					SO2	.75LB/MMBTU	B*
						148.90LB/H EA	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 1.6							
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	240000.00LB/H	N	BOILER, #6 OIL	PM	.10LB/MMBTU	B*
					SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	B*
PROCESS CODE -- 1.2							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
BURLINGTON IND.	NC NC-036		N	BOILER	PM	.60LB/H	B*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 1.5							
CITY OF COLUMBUS	OH EPA-5-A-80-3	90.00MW	N	BOILER, REFUSE/COAL FIRED, 6*	NOX	.50LB/MMBTU	
						.70LB/MMBTU, COAL*	
					PM	.10LB/MMBTU	
					SO2	.93LB/MMBTU 6 BOI*	
						1.44LB/MMBTU,<4 BO*	
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 10.1							
CONTAINER CORP. OF AM	FL FL-062		M	BOILER, COAL/WOOD WASTE	PM	472.00T/YR	N*
					SO2	5363.00T/YR	N*
SOURCE TYPE CODE -- 10.1							
CONTAINER CORP. OF AM	AL PSD-AL-061		M	BOILER, COAL/WOOD FIRED	NOX	350.00LB/H 100% COAL	N*
						426.00LB/H 100% WOOD	N*
					PM	51.15LB/H 100% COAL	N*
						60.80LB/H 100% WOOD	N*
					SO2	613.25LB/H	N*
						60.80LB/H 100% WOOD	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.5							
FRIENDSWOOD REFIN.	TX (R)PSD-TX-387	30000.00BPSD	M	BOILER	CO	.01LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.02LB/MMBTU	N*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.6							
GARY WESTERN REFIN.	CO	21.00MBBL/D	M	BOILER #4	NOX	8.41LB/H	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.62							
HCC CHEMICAL CO.	LA (R)PSD-LA-108		N	BOILER, WASTE GAS	NOX	.20LB/MMBTU	
					PM	.01LB/MMBTU	
PROCESS CODE -- 1.6							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS

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APPENDIX D

DETAILED LISTING OF SOURCE TYPE CODES

APPENDIX F

FORMATS FOR BACT/LAER CLEARINGHOUSE SUBMITTALS

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 6.24							
TEX-USS	TX (R)PSD-TX-336	270.00MT/YR	M	STEAM BOILER	NOX	.11LB/MMBTU	B*
				STEAM BOILER	NOX	.11LB/MMBTU	B*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.3							
ABI TIBI CORP.	NC NC 076		M	WOOD FIRED BOILER	CO	44.04LB/H	N*
						192.90T/YR	N*
					NOX	35.23LB/H	N*
						154.30T/YR	N*
					PM	.10LB/MMBTU	N*
					SO2	33.03LB/H	
						145.00T/YR	
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.1							
ALABAMA KRAFT	AL PSD-AL-067		M	BOILER, WOODWASTE	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
PROCESS CODE -- 1.4							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.4							
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	170.00MMBTU/H	N	BOILER, BARK/WOODWASTE	NOX	1.19LB/MMBTU	B*
						205.00LB/H	B*
					PM	.25LB/MMBTU	B*
						43.00LB/H	B*
SOURCE TYPE CODE -- 1.4							
CO-GEN	ID		N	BOILER, WOOD FIRED	CO	5.90LB/H	
					NOX	19.00LB/H	
					PM	3.95LB/H	
SOURCE TYPE CODE -- 1.4							
CO-GEN., INC.	ID (R)PSD-X81-16	6.00MW	N	BOILER	CO	.22LB/MMBTU	B*
						117.60T/YR	B*
					NOX	.17LB/MMBTU	B*
						88.20T/YR	B*
					PM	.03LB/MMBTU	
						16.60T/YR	
					VOC	.08LB/MMBTU	B*
						117.60T/YR	B*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.6							
CROWN WOOD PRODUCTS	NC 4819		M	BOILER, WOOD-FIRED	VOC	917.00T/YR	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

REPORT DATE 04/29/1983

PROCESS CODE 1.4

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.4							
EVERGREEN FOREST PRODUCTS ID		88.00MMBTU/H	N	BOILER, WOOD FIRED	CO	17.56LB/H SEE NOTE	
					NOX	17.56LB/H SEE NOTE	
					PM	21.22LB/H	
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.1							
GEORGIA-PACIFIC CORP.	LA (R)PSD-LA-0041		M	WOOD-FIRED BOILER	CO	25.00LB/H	B*
						.09LB/MMBTU	B*
					NOX	26.70LB/H	B*
						.10LB/MMBTU	B*
					PM	24.70LB/H	B*
						.01LB/MMBTU	B*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.6							
GEORGIA-PACIFIC CORP.	NC NC-061	165000.00LB/H	N	WOOD WASTE BOILER & ROTARY A*	PM	246.00T/YR	B*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.1							
GEORGIA-PACIFIC CORP.	AR PSD-AR 317		M	BOILER, WOOD FIRED	CO	24.00LB/H	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.11LB/MMBTU	N*
					NOX	26.00LB/H	B*
						.12LB/MMBTU	B*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 1.4							
GOLD KIST INC., GOLD KIS*	GA 2075-092-8088-C	95.00MMBTU/H	M	WELLON TYPE A BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
SOURCE TYPE CODE -- 1.4							
HUDSON LUMBER CO.	CA 81-PO-17	150.00MMBTU/H	N	BOILER	CO	2.00LB/T FUEL	
					NOX	30.00LB/H, 8 H AVG	
					PM	.04GR/DSCF	
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.6							
INTERNATIONAL PAPER CO.	AR PSD-463AR-1		M	BOILERS, WOOD WASTE, #1 & #2	CO	200.00LB/H, EA	
					PM	25.00LB/H, EA	
SOURCE TYPE CODE -- 10.6							
J.M. HUBER CORP.	ME	240.00T/D	N	WOOD BOILER	PM	.12LB/MMBTU	B*
					SO2	100.00LB/H	B*
						1000.00LB/D	B*
					SO2	50.00T/YR	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 10.1						
UNION CAMP CORP.	SC (R)P/C-40-128	2250.00T/D	N	BOILERS, COAL/WOODWASTE	CO	.11LB/MMBTU
				BOILERS, COAL/WOODWASTE	CO	.11LB/MMBTU
				BOILERS, COAL/WOODWASTE	CO	.11LB/MMBTU
				BOILERS, COAL/WOODWASTE	NOX	.70LB/MMBTU
				BOILERS, COAL/WOODWASTE	NOX	.70LB/MMBTU
				BOILERS, COAL/WOODWASTE	NOX	.70LB/MMBTU
				BOILERS, COAL/WOODWASTE	PM	.10LB/MMBTU
				BOILERS, COAL/WOODWASTE	PM	.10LB/MMBTU
				BOILERS, COAL/WOODWASTE	PM	.10LB/MMBTU
				BOILERS, COAL/WOODWASTE	SO2	1.20LB/MMBTU
				BOILERS, COAL/WOODWASTE	SO2	1.20LB/MMBTU
				BOILERS, COAL/WOODWASTE	SO2	1.20LB/MMBTU
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY
SOURCE TYPE CODE -- 10.1						
UNION CAMP CORP.	AL 201-0001-X008,*	2300.00ADTP/D	M	GENERATOR, FOSSIL FUEL STEAM		
					NOX	.70LB/MMBTU
					PM	.10LB/MMBTU
					SO2	1.20LB/MMBTU
PROCESS CODE -- 1.5						
SOURCE TYPE CODE -- 12.0						
UNIV. OF MICH., CEN HEAT*	MI 531-78		N	BOILERS, GAS/OIL-FIRED	NOX	.30LB/MMBTU OIL
					NOX	.20LB/MMBTU GAS
					SO2	.52LB/MMBTU

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION	LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 10.1							
INTERNATIONAL PAPER CO.	LA (R)PSD-LA-295		M	BOILER	CO	.15LB/MMBTU	B*
					NOX	.69LB/MMBTU COAL	B*
						.20LB/MMBTU GAS	B*
					NOX	.30LB/MMBTU OIL	B*
SOURCE TYPE CODE -- 10.1							
INTERSTATE PAPER CORP.	GA 2631-089-8091	346.00MMBTU/H	M	BOILER	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.30LB/MMBTU	
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 9.3							
JOHN MANSVILLE SALES CORP	TX PSD-TX-263			BOILER, 2	PM	.06LB/H	
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 10.1							
LEAP RIVER FOREST	MS MS 035	650.00T/D	N	BOILER, BARK & COAL FIRED	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	.63LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

REPORT DATE 04/29/1983

PROCESS CODE 1.5

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 10.2							
MACMILLAN BLOEDAL	AL AL-063		M	POWER BOILER	CO	114.00LB/H	N*
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 1.5							
PHILIP MORRIS	VA 80VA06	237.00MMBTU/H	M	BOILER, COAL/OIL FIRED	NO2	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	2.10LB/MMBTU COAL	B*
						2.51LB/MMBTU OIL	B*
					VE	20.00% OPACITY	B*
SOURCE TYPE CODE -- 1.5							
POWER AUTHORITY STATE OF*	NY	700.00MW	N	AUX. BOILER	NOX	.30LB/MMBTU	
					PM	.08LB/MMBTU	
					SO2	.30% S FUEL	S*
				BOILER	CO	.04LB/MMBTU	B*
					NOX	.60LB/MMBTU COAL	B*
						.30LB/MMBTU OIL	B*
					PM	.02LB/MMBTU COAL	B*
						.03LB/MMBTU COAL/*	B*
					PM	.01LB/MMBTU OIL	B*
					SO2	.40LB/MMBTU	B*
					VE	20.00% OPACITY	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 10.1							
SCOTT PAPER	AL AL 068	45.80T/H ADP	M	WOODWASTE/COAL COMBUSTION (5*	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1014.00LB/H	N*
SOURCE TYPE CODE -- 10.1							
ST REGIS PAPER CO.	FL FL 066		M	BARK-COAL BOILER, UNIT #3	SO2	1.20LB/MMBTU	N*
						327.00LB/H	N*
				BARK-COAL BOILER, UNIT #4	SO2	1.20LB/MMBTU	N*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 1.5							
STONE CONTAINER CORP.	OH EPA-5-A-81-3		N	BOILER, WOOD/GAS	CO	.20LB/MMBTU	
					NOX	.38LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	.02LB/MMBTU	
					VOC	.02LB/MMBTU	
SOURCE TYPE CODE -- 1.5							
THE CHESAPEAKE CORP.	VA 80VA03	659.00MMBTU/H	M	BOILER,WOODWASTE	CO	.23LB/MMBTU	N*
					NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
					VOC	.23LB/MMBTU	N*
SOURCE TYPE CODE -- 1.5							
UNION CAMP CORP.	GA (R)PSD-GA-062	1055.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	NOX	.70LB/MMBTU	N*
					PM	.08LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6 REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 5.12							
PHILADELPHIA GAS WORKS	PA 78PA03		M	BOILERS	NOX	74.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	75.00LB/H	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.5							
PROCESS REFIN. CO.	CA SJ-78-27	10000.00BBL/D	M	BOILER, 2 EA	NOX	.27LB/MMBTU	
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 2.1							
RESOURCES AUTHORITY	TN	75.00T/D 2 EA	N	BOILERS, 2 MUNICIPAL REFUSE *	PM	.04GR/SCF	N*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.5							
SIGMORE REFIN. CO.	TX (R)PSD-TX-331	67.00MBPSD	M	BOILERS	CO	9.68LB/H	B*
					NOX	113.04LB/H	B*
					PM	11.36LB/H	B*
					SO2	132.72LB/H	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 6.62							
SMITH KLINE CORP.	PA 79PA15	600.00MET. T/YR	N	2 BOILERS, EA	SO2	.20% BY WT #2 OIL	B*
						1.68MMGALS/YR OIL	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 10.1							
ST. REGIS PAPER CO.	ME AEL-13-47	814.00MMBTU/H	M	BOILER, BIOMASS FUEL			
					PM	.08LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 1.6							
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	240000.00LB/H	N	BOILER, BAGASSE/RESIDUE, #6 *	CO	140.00LB/H	B*
						326.00T/YR	B*
					NOX	123.00LB/H	B*
						209.00T/YR	B*
					PM	.15LB/MMBTU	B*
						75.60LB/H	B*
					SO2	14.00T/D	B*
					VOC	140.00LB/H	B*
						325.00T/YR	B*

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PROCESS CODE 1.6

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 5.5							
TENNECO	LA PSD-LA-199		M	BOILERS, 13	CO	.02LB/MMBTU GAS	B*
						.03LB/MMBTU OIL	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 9.14							
TEXACO, INC.	CA NCC-78-04		M	STEAM GEN., 3 EA	SO2	.58LB/MMBTU	B*
						2.00%S FUEL OIL	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.24							
TEXAS EASTMAN CO.	TX TX-332		M	BOILERS, 2	CO	4.60LB/H TAR	B*
						3.20LB/H N. GAS	B*
					NOX	42.00LB/H TAR	B*
						22.80LB/H N. GAS	B*
					PM	14.00LB/H TAR	B*
						1.00LB/H N. GAS	B*
					SO2	12.00LB/H TAR	B*
						1.00LB/H N. GAS	B*
PROCESS CODE -- 1.6							

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PROCESS CODE 1.6

REPORT DATE 04/29/1983

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 1.6							
TEXAS UTILITIES GEN CO.	TX PSD-TX-32	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
SOURCE TYPE CODE -- 1.6							
TEXAS UTILITIES SERVICE,*	TX PSD-TX-44	792.00MMBTU/H	N	LIGNITE FIRED STEAM ELECT.	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
SOURCE TYPE CODE -- 1.6							
TEXAS UTILITIES SERVICE,*	TX PSD-TX-47	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 5.5							
UNI OIL	TX (R)PSD-TX-229	10000.00BBL/D	M	BOILER, PACKAGE	CO	.71LB/H	B*
						.01LB/MMBTU	B*
					NOX	7.94LB/H	B*
						.08LB/MMBTU	B*
					PM	1.59LB/H	B*
						.02LB/MMBTU	B*
					SO2	.79LB/H	N*
						.01LB/MMBTU	N*
					VOC	.06LB/H	B*
						.00LB/MMBTU	B*

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCALPERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.